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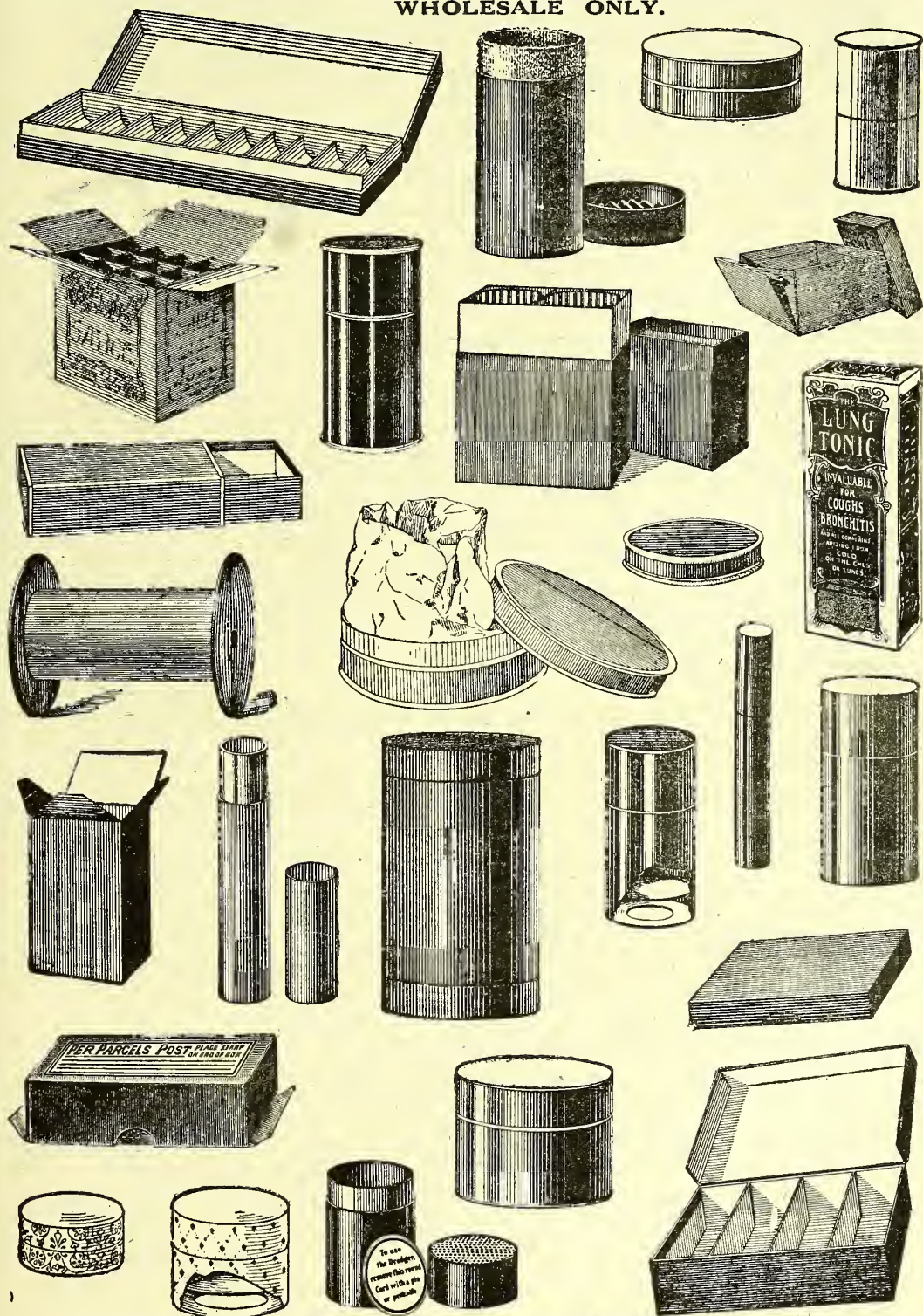
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	<u>£16 16 0</u>

BUYING PRICE.

12 doz. boxes Wright's Coal Tar Soap @ 180/9 gross	£9 0 9
2 doz. Wright's Coal Tar Shaving Sticks or Cakes @ 9/6... ..	0 19 0
1 doz. Wright's Coal Tar Dentifrice @ 3/6 ...	0 3 6
1 gross Wright's Coal Tar Shampoo Powders @ 16/3	0 16 3
1 doz. Wright's Coal Tar Bath Salt @ 7/- ...	0 7 0
	<u>11 6 6</u>
Less 2½% for cash ...	0 5 10
Net	<u>£11 0 8</u>

Carriage Paid to your door.

*All these articles are extensively advertised to the Public
and are in daily use.*

WRIGHT, LAYMAN & UMNEY, LTD.

SOUTHWARK, LONDON, S.E. 1.



QUININE

MAARSSSEN

QUININE and QUININE SALTS.

Unexcelled in Uniformity of Quality,
Brilliant Crystallisation and Purity of Colour.

**CINCHONINE, CINCHONIDINE, QUINIDINE,
and their SALTS.**

NEDERLANDSCHE KININEFABRIEK, MAARSSSEN, HOLLAND

AGENTS:— R. W. Greeff and Company, Ltd.
Thames House, Queen Street Place,
LONDON, E.C.4.



GRANDMOTHERS REMEDY

GLYCERINE LEMON & HONEY.

The SELLING LINE of the SEASON.

TWO SIZES:

8/6 per doz.

14/- „ „

Cash with order, or net monthly account
against satisfactory trade references.

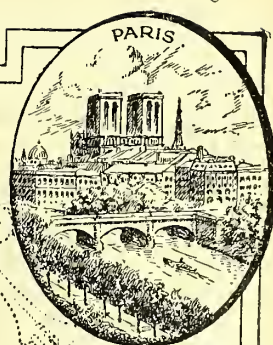
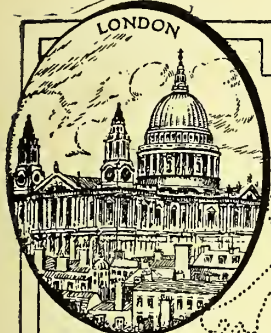
1 gross, either size or assorted, with
splendid window show, instructions
for placing and price tickets.

Carriage Paid, Packages Free, on two
gross orders.

Label and show restricted in each district.

E. H. BUTLER & SON

Manufacturing Chemists, **LEICESTER.**
93 Humberstone Gate,



PHARMACEUTICAL AND PHOTOGRAPHIC PRODUCTS.

*R. W. GREEFF & Co., Ltd., offer at lowest
prices the following products:*

(WHOLESALE QUANTITIES ONLY)

Acetanilid
Acetone
Acetyl Salicylic Acid
Acid Lactic
Amidol
Amidopyrin
Barbitone
Benzoic Acid
Benzamine Hydrochlor.
Benzamine Lactate
Benzo Naphthol
Beta Naphthol
Bromides
Calcium Lactate
Chloral Hydrate
Cinchonine and Salts
Cinchonidine and Salts
Cocaine
Creosote Carbonate
Eucalyptus Oil
Gallic Acid
Glycerophosphates

Guaiacol Carbonate
Hexamine
Homatropine & Salts
Hydroquinone
Ichthyol Substitute
Kelen
Lemon Oil
Lithia Carbonate
Lecithin
Menthol
Mercurials
Methylene Blue Medicinal
Methyl Salicylate
Metol
Paraldehyde
Peppermint Oil
Pepsine
Peptone
Phenacetin
Phenazone
Phenolphthalein
Pyrogallal Acid

Potash Sulpho-Guaiacolate
Quinidine and Salts
Quinine and Salts
Quinine Ethyl Carbonate
Quinidine
Resorcin
Saccharin
Salicylic Acid
Salicylate of Soda
Salol
Soda Benzoate
Soda Hyposulphite
Soda Sulphite Anhydrous
Sugar of Milk
Tannic Acid Levis
Tannin Albuminate
Tartaric Acid
Terpineol
Terpine Hydrate
Theobromine
Thymol Crystals
Vanillin

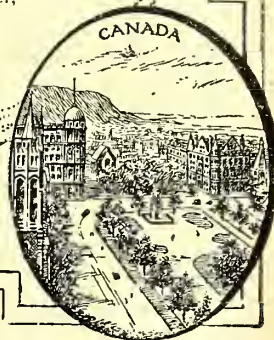


R. W. Greeff & Co., Ltd.

THAMES HOUSE, QUEEN STREET PLACE,
LONDON, E.C.4.

MANCHESTER BRANCH
Lloyds Bank Buildings,
King Street.

NEW YORK AGENTS
R. W. Greeff & Co., Inc.,
73 Front Street.

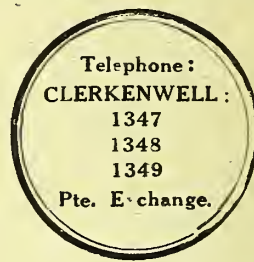




TRADE



MARK



SECURE YOUR REQUIREMENTS FOR XMAS TRADE.

We hold large and assorted Stock for you to
select from.

SPECIAL LINES

In MANICURE SETS, TOILET CASES,
PERFUME SPRAYS,
SHAVING SETS, COMBS, BRUSHES, etc.

A Visit to our Showrooms respectfully solicited.

ARTHUR BERTON LTD.

REGISTERED OFFICE, SHOWROOMS AND WAREHOUSE:

15 & 17 Worship Street, LONDON, E.C.2

ALSO AT

MANCHESTER,
46a MARKET STREET.

GLASGOW,
11 MILLER STREET.

Maw's**Page**

November 20, 1920.

No. 475.

Free Christmas Advertising for "Parex" Manicure Methods

The large majority of British Pharmacists have resolved to make a special effort to push sales of "Parex" Manicure Methods this Christmas. They realise that by doing so they will be helping to secure the business of manicure requisites for the chemist, and laying the foundation for regular increased business.

In order to assist these efforts, we have prepared a complete advertising scheme which will help to create record sales for "Parex" Manicure Methods during the coming Christmas season. We offer this scheme free to all purchasers of "Parex" Manicure Methods.

The scheme includes the provision of circular letters to your customers, the supply of window strips, window seal showcards in two sizes, and special Christmas message and price tickets, also in two sizes.

The advertising material will enable you to give "Parex" Manicure Methods the display they merit. It will help you to make your Christmas windows bright and attractive, and, above all, it will help you to make new regular customers, who will come to you for "Parex" Manicure Methods again and again, because they cannot purchase them from anybody but the chemist. Every chemist who stocks "Parex" Manicure Methods should have this advertising material. If you have purchased "Parex" Manicure Methods, and have not yet received the preliminary letter offering to supply free circular letters for your customers, write to us without delay.

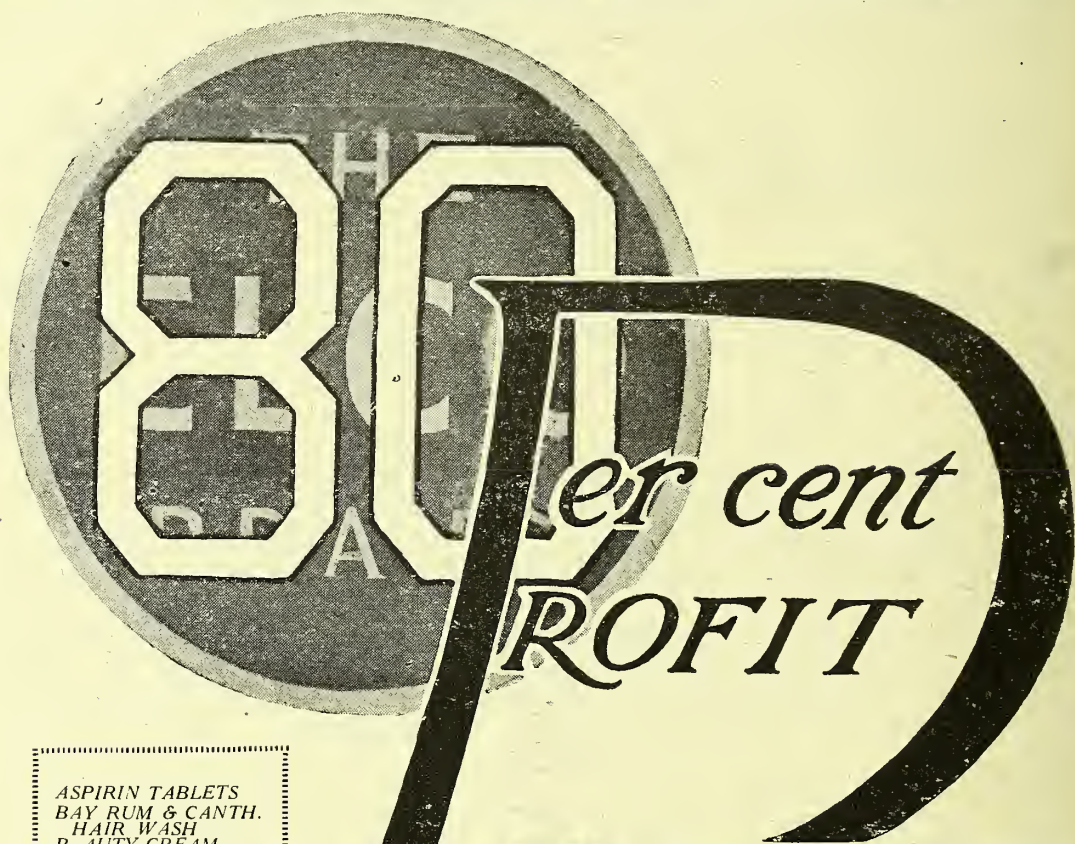
*"Parex" is the chemists' protection. It
helps him to resist outside competition.*

Telephone:
"City 7"
(Private Branch Exchange).

S. Maw, Son & Sons, Ltd.,
7/12 Aldersgate St.,
London, E.C.1



Telegrams:
"Eleven Cent,
London."



ASPIRIN TABLETS
 BAY RUM & CANTH.
 HAIR WASH
 B. AUTE CREAM
 BLOOD PURIFIER
 BOROFORMIC SOAP
 BORATED DUSTING
 POWDER
 BRILLIANTINE,
 SOLIDIFIED
 CARLSBAD POWDER
 CHEMICAL FOOD
 CHILBLAIN TABLETS
 COLD CURE TABLETS
 COUGH SYRUP
 DENTAL FOAM
 DIGESTIVE SYRUP
 EMULSION
 EXTRACT OF MALT
 & COD LIVER OIL
 FOOT TABS.
 GYNERINE &
 CUCUMBER CREAM
 HAIR INVIGORATOR
 HEADACHE &
 NEURALGIA TABS.
 HOUSEHOLD
 EMULSION
 HYPOPHOSPHITES
 RUBBING &
 HEALING OINT.
 LIVER TONIC
 SALINE
 SHAMPOO POWDER
 SYRUP OF FIGS
 TANNING POWDER
 VANISHING CREAM
 WITCH HAZEL FOAM

er cent
PROFIT

Specimen of £5 Carriage-paid
Order, showing a Net Profit of
83 % on cost.

ELCO prices are on the P.A.T.A. and with the exception of Elco Malt and Oil, They bear an average profit to you of 70% and on £5 orders (which may be assorted) even 80% on cost.

	Cost P.A.T.A.	Selling Price P.A.T.A.
1 doz. ELCO Aspirin Tablets (25's) @ 5/6 -	5/6	10/6
1 doz. ELCO Dental Foam @ 10/-	-	15/-
1 doz. ELCO Borated Dusting Powder @ 8/6	8/6	15/-
1 doz. ELCO Chilblain Tablets @ 6/-	6/-	12/-
1 doz. ELCO Cold Cure Tablets @ 6/-	6/-	12/-
1 doz. ELCO Cough Syrup @ 13/6	13/6	10/6
1 doz. ELCO Digestive Syrup @ 14/3	14/3	12/-
1 doz. ELCO Emulsion of Cod Liver Oil 6 ozs. @ 14/6	14/6	13/6
1 doz. ELCO Hair Invigorator @ 20/-	20/-	18/-
1 doz. ELCO Headache and Neuralgia Tablets @ 9/-	9/-	18/-
1 doz. ELCO Rubbing and Healing Ointment @ 8/3	8/3	13/-
1 doz. ELCO Shampoo Powders @ 14/- doz. boxes	14/-	10/6
1 doz. ELCO Syrup of Figs @ 12/-	12/-	9/-
1 doz. ELCO Witch Hazel Foam @ 11/6	11/6	10/6
100 Illustrated Booklets with name and address Show-cards, Show Outers, Window Transparencies, &c.	FREE	—
Less 5 % discount	5 2	—
PROFIT 83 1% ON COST	£4 18 0	£8 19 6

EVANS SONS LESCHER & WEBB LTD.

LIVERPOOL

NEW YORK

LONDON

NOTICE OF REMOVAL

Chemists are requested to note that on and after Saturday, November 20, all communications should be addressed to

EUCRYL LIMITED
SHIRLEY,
SOUTHAMPTON.

Tooth Powder, Tooth Paste, Lysol

EUCRYL LTD., LONDON & SOUTHAMPTON.

SOMETHING NEW !!

“PELLIN”

is an antiseptic cream, which, when applied to the hands, quickly evaporates, leaving a soluble skin on the hands; it is practically invisible, and can scarcely be felt, yet it is there, protecting the hands against the penetration of dirt into the skin. The dirtiest job imaginable can be undertaken with impunity, safe in the knowledge that when the hands are washed once in cold water, with plenty of soap to dissolve the “PELLIN,” all traces of dirt are removed instantly, leaving the hands perfectly soft and white.

We have had “PELLIN” tested by a well-known London Analyst, who reports as follows:—

“ This preparation does what the manufacturers claim for it; it is of the greatest efficiency in rendering the Skin immune from dirt, whether of a greasy nature or not, and the skin can be washed quite clean immediately, however dirty and greasy it may be. It contains a powerful antiseptic, and is in my opinion an exceedingly valuable and useful preparation for which the manufacturers' claims are not exaggerated.

I find it to contain nothing of a harmful or caustic nature, so that it can be used safely on delicate skins.”

(Signed) _____ F.I.C., B.Sc., F.C.S.

The original signed Report can be inspected by any interested party at our office.

ADVERTISING MATERIAL AND SHOWCARDS SUPPLIED.

Sample Tubes supplied Gratis in proportion to Quantity ordered.

Further particulars on application to—

C. R. HARKER, STAGG & MORGAN
LTD.

DEVON WHARF and BELL WHARF,

EMMOTT STREET - - - MILE END, E. 1.

Everybody will soon be asking for

Ayrton's Figolets

Regd

Nature's Aperient

The fruit-flavoured laxative tablet. Specially recommended for children, but equally good for adults.

Packed twenty tablets in screw capped bottle, handsomely labelled and cartoned.



Our Service
is
Your Service !

Retail, P.A.T.A.	-	-	-	-	1/3 per bottle
Wholesale	-	-	10/-	per dozen	114/- per gross

A striking Showcard and Poster can be supplied with all orders on request.

Write for specimen letter and circular, which we will post to fifty of your customers with an order for six dozen, directing them to your pharmacy as the source of supply.

AYRTON, SAUNDERS & Co. L^{TD}

Manufacturing Chemists

LIVERPOOL

LATE XMAS BUYING WILL BE WISE XMAS BUYING

If you order from our new Rosine & De Luzy Perfume Lists.

Extracts from recent orders :

- (a) Am very pleased with perfumes. They have given satisfaction to the purchasers. Please send
- (b) Please supply this order was given directly from the sample bottles you sent.

WRITE TO-DAY FOR XMAS PERFUME LIST.

W. H. CALNAN & CO., 30-32 Ludgate Hill, E.C.4

OILS ESSENTIAL, Etc.

Amber
Aniseed
Anethi, Ang.
Angelica
Bay
Bergamot
Cade
Cajuput
Calamus
Cananga
Carui
Cassia
Cedarwood
Chamomiles, Ang.
Cinnamon
Citronella
Cloves, Ang.
Cognac
Copaiba
Cubebs
Eucalyptus
Fennel
Ginger

Courtin & Warner

**CHEMICALS, DRUGS,
ESSENTIAL OILS,
SYNTHETICS, Etc. Etc.**

FOR

*Wholesale Chemists, Druggists,
Soap Makers, Confectioners and
Allied Trades.*

List of Synthetics, etc., will appear in next issue

8 Harp Lane, London, E.C. 3.

Telegrams - - "ACCCOURTIWA, BILGATE, LONDON."
Telephone - - AVENUE 2220 AND CENTRAL 9521.
Codes LIEBER'S; A B C, 4, 5 & 6 ED.; BENTLEY'S.

OILS ESSENTIAL, Etc.

Juniperberries
Juniper Wood
Lemon
Lemongrass
Limes
Mustard
Nutmegs
Orange
Otto of Roses
Palmarosa
Patchouli
Peppermint
" American
" English
" Japan
Pennyroyal
Pimento
Pine, American
Santal, E. I. Ang.
Sassafras
Spearmint
Wintergreen
Wormseed



PACKED PERFUME

MADE FROM "DISTOL" OTTOS

brings big profit to the
enterprising Pharmacist.

WE supply, at a nominal cost, Labels and Neckbands printed with Chemists' own names and addresses for all the more popular odours such as Wallflower, Carnation, &c., and in addition the above delightful "Felicia" Label may be used with any of the 34 "Distol" Ottos or with any blended "Distol" Perfume.

(NOTE: We do not sell bottles but can supply names of makers and dealers.)

THOMAS KERFOOT & CO LTD.
BARDSLEY VALE, LANCASHIRE,
& Bardsley House, London, N.1
ESTABLISHED 1797.

COPYRIGHT

THE PERFUME WHICH HAS CAPTIVATED
THE PUBLIC!

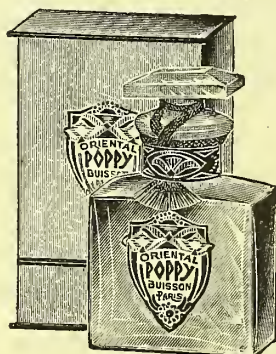
BUISSON FRERES' Oriental Poppy

An Eastern Perfume of wonderful fragrance and great
lasting power, packed in dainty bottles and cartons.

BATH SALTS

ABSOLUTE
PERFUME

(Without Alcohol).



BRILLANTINE

PERFUMED
CARDS

PROTECTED P.A.T.A. PRICES.

Size		Wholesale		Retail
C $\frac{1}{2}$	....	24/- per doz.	....	3/- each.
C1	....	42/-	....	5/3 "
C2	....	80/-	....	10/- "

BONUS TERMS ON APPLICATION.

Sole Proprietors :—

W. J. Bush & Co. Ltd.
ASH GROVE, HACKNEY, E.8.



Make it Your
Leading Line this Christmas

The new Perfume—

REVELRIE

It has achieved a popular success wherever introduced, and customers recommend it one to the other.

The profit is more than 50 per cent. on cost.

Send for Free Sample.

PRICES:

E99 Testing samples, 6/3 per doz.

E164 ... 42/6 ..

E165 ... 75/- ..

E166 ... 137/6 ..

Also for presentation in cut-glass bottles and cases.

Exporters and Shippers supplied in Bond.

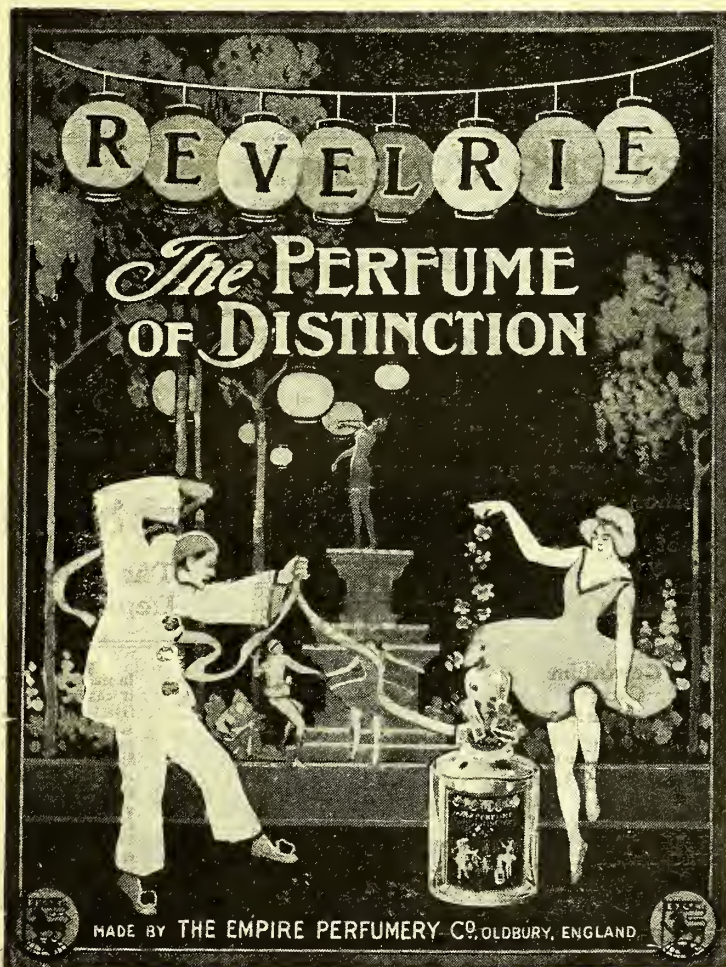
EMPIRE PERFUMERY Co.

(Proprietors: Cuxson, Gerrard & Co., Ltd.)

Oldbury, near Birmingham.

S. African Agents—

ALL-BRITISH AGENCY Co.
10 Main Street,
Port Elizabeth.



FACSIMILE OF SHOWCARD.

[Copyright.]

Essences of Proved Value.

PREEMO

CONCENTRATED ESSENCES
FLORAL OTTOS & COMPOUNDS

THE real test of an article is its ability to face open competition. If it is not all that has been claimed for it, it cannot long retain the confidence of those who use it. PREEMO Lines, however, are every day getting a firmer and firmer hold on the estimation of the trade—a sure proof of their undeniable value. They do all that ordinary essences do with the addition that they bring with them their own inimitable charm of odour. They are a delight and a joy to use, and their delicacy of odour singles them out as the foremost and best of all essences.



Send for
FREE
Samples

THE PREEMO CONCENTRÉ & ESSENTIAL OIL CO.,

63 HIGH HOLBORN, LONDON, W.C.1. 97 WARREN ST., & 127 DUANE ST., NEW YORK. 32 RUE DE MONTENOTTE, PARIS.

Telephone—HOLBORN 3095.

Telephones—BARCLAY 7304 & CANAL 4368.

Telephone—WAGRAM 27-35.

TERPENELESS OILS BRITISH MADE

We manufacture exclusively ourselves all kinds of Terpeneless Oils, and invite inquiries from users throughout the world.

WE SPECIALISE IN TERPENELESS:

Anise (Anethol)

Bay

Bergamot

Caraway

Cassia

Cinnamon

Clove

Dill

Geranium

Ginger

Juniperberry

Lavender

Lemon

Limes

Mandarin

Nutmeg

Orange

Peppermint

Petitgrain

Rosemary

CITRAL

EUCALYPTOL

CINNAMIC

ALDEHYDE

GERANIOL

—SICILIAN—
LEMON - BERGAMOT
ORANGE - MANDARINE.

—SPINELLI—

The Oils that have a Long
Reputation for Quality.

In the manufacture of our Terpeneless Oils it was imperative that we secured the very finest Sicilian Oils to work upon. After several exhaustive tests we came to the conclusion that the "SPINELLI" brand of Sicilian Oils gave us the best results. As we were able to place large orders for our own needs with the manufacturers, we have pleasure in stating that they have entrusted us with their British Agency, and we offer to users of Sicilian Oils the benefit of our experience. There is a quality in every package. Guaranteed Genuine Oils of authentic origin, and to conform to any analysis as to purity.

HOLLANDS DISTILLERY LTD.

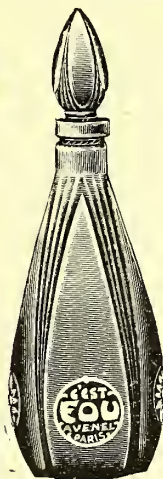
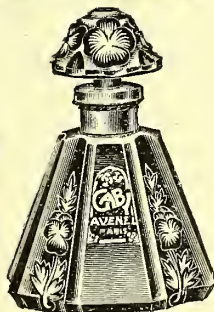
Lavington Street, Southwark, LONDON, S.E. 1.

A B C Code, 5th Edition.
Western Union.

Telegrams: "LANDSLOH LONDON."
Telephone: Hop 898.

AMERICAN AGENTS—O. A. BROWN CO. INC., 99-101 Beekman Street, NEW YORK.

CANADIAN AGENTS—F. S. JARVIS & CO., 18 Toronto Street, TORONTO.



Les Grands Parfums Avenel

AVENEL & CO.
PARIS.



Parfums de Luxe.

Every description of high-class
Perfumery.

Floral Series & Bouquet Series

Face Powders

Vanishing Creams

Hair Lotion

Highly Concentrated

Toilet Water

Toilet Soaps, &c.

*Exclusive Designs
for Bottles*

Price List sent on application.
Carriage paid on 1 dozen
each. Terms: One Month,
Strictly Net.

SPECIALITIES:

Eau de Cologne
Pour-Toi.

La Paix Series.

Oeillet Rêve.

"Nice Violette."

"Rose d'Avenel."

"Secret de Jeunesse"
(Powder and Creams).

"Brise de Monaco."

"Mon Caprice."

"Venus."

"Gaby."

Rêve Bleu

&c.

Sole Home and Export Agents:

**FREESE &
MOON, Ltd.,**

59 Bermondsey St.,
LONDON, S.E. 1.

Telephone: Hop 2774.

Telegrams:

"CevanESCO, Berm, London."

Cables: "CevanESCO, London."

Floral Series - Retail, 5/- to 15/- each

Bouquet - - - 7/3 to 95/- "

Trade discount: 33 1/3%

Showing 50% profit on outlay.

ESSENFLOUR PRODUCTS LTD.

MYSORE (S. INDIA)

*Distillers of Essential Oils and Manufacturers
of Perfumery Products*

AMBRETTE SEED OIL
CARDAMOM OIL
CORIANDER OIL
CINNAMON BARK OIL
CINNAMON LEAF OIL (a Speciality)
CLOVE OIL B.P.
DILL OIL (East Indian)

EUGENOL
GINGER OIL
GINGERGRASS OIL
NUTMEG OIL
PALMAROSA OIL
PATCHOULY OIL
VETIVERT OIL (S. Indian)

Sole Agent for Europe—

K. B. MAVLANKAR

26/27 Hatton Garden, LONDON, E.C.1

and 29 Corporation Street, MANCHESTER.

Essential Oils of Theobromine

Oranje Ltd.
Amsterdam

*one of
Outstanding Quality
and Competitive Prices*

London Branch

{ Letters: 54, Lower Thames St., E.C.3
Telegrams: Limorangus, Bilgate, London
Telephone: Avenue 5827

ESTABLISHED 1833.

"STAFFALLEN'S"

OTTO
of
ROSE

A Direct Shipment just
received.

GOLD SEAL—Bulgarian.



SAMPLES & PRICES
ON APPLICATION.

"STAFFALLEN'S"

OTTO
of
ROSE

A Direct Shipment just
received.

WHITE SEAL—Anatolian

STAFFORD ALLEN & SONS, LIMITED

COWPER STREET, FINSBURY,

LONDON, E.C. 2.

Telephone:
CLERKENWELL 2100 (4 lines).

Telegrams:
"PERSIC, FINSQUARE, LONDON."

NESTOR MOURANCHON.

Offices: 40 Rue Dâmremont, PARIS. Telegrams: "Barthgay Paris." Telephone: Marcadet 15/92.
Distilleries and Laboratories: Chateaufort-Val-St.-Donat (nr. Grasse), and Romans (Drôme).

SPECIALITIES: Menthes, Neroli, Petitgrain, Patchouli,
Otto of Rose, Violet Essence, Gant de Saxe.

"ESSENCES DE MONTAGNE" and Imported Products.
Lavender, Aspic, Thyme, Girofle, Badiane, Geranium,
Ylang Ylang, Musk, Ambre.

PRICE LIST ON APPLICATION TO WHOLESALERS ONLY.

Sole Agents for British Isles and Colonies:—

A. BREZET & CO. LIMITED,

19 ST. DUNSTAN'S HILL, LONDON, E.C. 3.

Telephone: Avenue 3543.

Telegrams: "Abrezical, Phone, London."

TELEPHONE:
2096
CLERKENWELL.

TELEGRAMS:
"LONABARC,
FINSQUARE,
LONDON."

ESSENTIAL OILS

LONABARC TRADING
COMPANY, LIMITED

5 FINSBURY SQUARE,
LONDON, E.C.2.

DODGE & OLCOTT CO., 20 MARK LANE,
LONDON, E.C.3.

THE "D & O" BRAND

is the "Standard of Quality" for

OILS of BAY, CEDARWOOD, PATCHOULI, PEPPERMINT,
SASSAFRAS, ETC.

BALSAMS of Copaiba, Peru, Tolu,
TONKA BEANS, Angosturas.

Phone—
CITY 2468.

Telegrams—
"EGDARF, FEN, LONDON."

CHLOROPHYLL C.

Fast to Light and Acid—Absolutely Pure. Guaranteed to be of uniform concentration and shade, and to give an entirely clear solution.

The Sandoz Chemical Co., Ltd., BRADFORD.

ERASMIC TOOTH PASTE



stands alone as the most delicious and fragrant of all Dental Creams.

It is the most effective Tooth Cleanser, beautifier and preserver.

SPECIAL BONUS OFFER
for Window Display.

PLEASE WRITE FOR PARTICULARS.

ERASMIC - Perfumers - WARRINGTON

A. GIDLOW & CO.

(ESTABLISHED 1896)

Broom Lane, Levenshulme, MANCHESTER.

MANUFACTURERS OF

SHAVING CREAMS

Packed in 1-lb., 2-b., 7-lb. Boxes and 56-lb. Cases.
Also packed in Collapsible Tubes.

PROPRIETORS & MANUFACTURERS OF

RENARD'S POMADE HONGROISE

Also supplied in unlabelled Tubes and Bulk.

SAMPLES AND PRICES ON APPLICATION.
WHOLESALE ONLY.

PROTECTS from all weathers, preserves the COMPLEXION

MOKOL

SOFTENS ROUGH HANDS

FACE CREAM

FOR THE SKIN

MOKOL

Reg. INDISPENSABLE IN THE HOME Reg.

For LIBERAL Wholesale Terms write to—

THE MOKOL CO., 98 Hatton Garden, London, E.C.

YOU CAN NOW GET YOUR SUPPLY OF

BEUTOL Egyptian Toilet Preparations

from your usual Wholesaler, or direct from Manufacturers at the following prices:

BEUTOL Vanishing Jelly ... 10/- doz.	BEUTOL Beauty Milk ... 16/- doz.
BEUTOL Hair Tonic ... 20/- "	BEUTOL Shampoo Powders 24/- gross
BEUTOL Egyptian Perfume 28/- "	BEUTOL 2-oz. Brilliantine 16/- doz.
BEUTOL 1-oz. Brilliantine ...	8/- doz.

National Advertising Campaign Commenced

SKINETOLIN CO., LTD., Sole Manufacturers,
13 Kirkwood Road, Chalk Farm, London, N.W.1 (1)

"IRISH ELEGANCE"

[Regd.]

The Winning Perfume—Fragrance of Midsummer Roses.

In three sizes	Wholesale	Retail
Small ...	28/- doz.	3/6
Medium ...	48/- "	6/-
Large ...	168/- "	21/-

Usual Trade Terms.

PRODUCT OF

The EVAN-WILLIAMS Co., Ltd.

18-18a Ogle Street, London, W. 1.

SHOWCARDS SUPPLIED.

BOURJOIS

PARIS.

POUDRE de RIZ de JAVA

No. 45. 2/- Size.

1 doz. ...	16/-	doz.
6 " ...	15/9	"
12 " ...	15/6	"

No. 495. 1/3 Size.

1 doz. ...	11/-	doz.
6 " ...	10/9	"
12 " ...	10/6	"

The P.A.T.A. prices for "Poudre de Riz de Java" are 2/- and 1/3 per box.
 "JAVA" Powder is now being largely advertised to the public.

LOOK TO YOUR STOCKS.

A. BOURJOIS & Cie, Ltd., 66 Carter Lane, LONDON, E.C. 4.

Also manufacturers of the celebrated "ASHES OF ROSES," 15/- per dozen.

**To Satisfy your Customers
 Is to Increase your Business**

LINARIS TOILET PREPARATIONS

LINARIS Vanishing Cream
 LINARIS Bath Powder
 LINARIS Henna Shampoo Powder
 LINARIS Camomile Shampoo Powder
 LINARIS Massage Cream
 LINARIS Tonic Cream
 LINARIS Beauty Cream
 LINARIS Face Powders

- (1) Give absolute satisfaction—Guaranteed
- (2) Are prepared from the finest Drugs obtainable.
- (3) Show splendid profits to the Retailer.
- (4) Invariably bring repeat orders.
- (5) Are beautifully packed in Opal-topped Jars and large golden boxes tied with purple ribbon. Make a splendid counter show.

Profit of over **33 1/3 %**

Send direct to

LINARIS TOILET PREPARATIONS (Dept. X)

31 Westbourne Grove, London, W.2



Carriage paid
 on all
 orders over £5.



The Finest Toilets Powder Nilde
 obtainable from Volnay Perfumes Etc.

Look out for
 Stock Rooms

Northern Agents of

BEAZ Ltd.

BEES BUILDINGS

BLACKPOOL

Regent Toilet Co. London

PRICE LISTS ON APPLICATION.

MANICURES AND ALL SUNDRIES.

Delefine & Zeba Toilets & Perfumes

Try the Vanishing Cream	Shaving Creams
Perfumes	Brilliantines
Bath Crystals	Hair Tonics
Toothpaste	Hair Creams
Massage Creams	Etc., etc.

GIVE it a good show and it sells itself. There is nothing just like it. The excellence of the product and the practicability of the box make customers for you.

Shows you 33 $\frac{1}{3}$ % on selling price.

POUDRE NILDÉ

in the Sifter Box.

Appeals irresistibly to every woman. The quickest selling line of face powder ever shown.

MINIMUM SELLING PRICES:

POUDRE NILDÉ

in the Sifter Box.

Handbag size	1/-
Medium size	2/-
Large size	3/6
Leather or fancy silk vanity cases, with mirror, small size	5/-
Medium	7/6
Large	10/-

Shades:

Blanche, Rachel, Naturelle, Rosée, Basanée.

NILDÉ LIP SALVES

In elegant metal containers.

Pommade des Lèvres	white	1/-
"	Rouge or Carmine	1/3

NILDÉ, Paris.

British and Colonial Agents:

8 BLENHEIM ST., LONDON, W.1.

ROUGE INVISIBLE NILDÉ

in the Sifter Box.

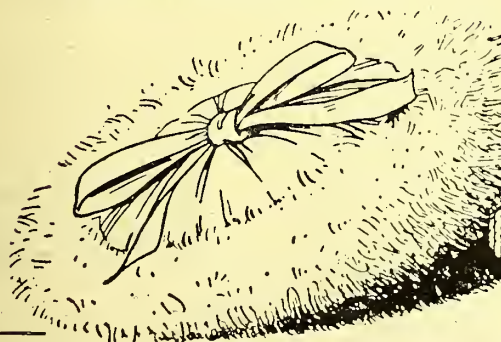
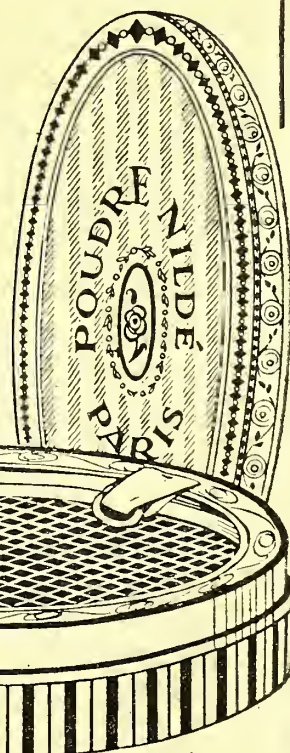
Small size	1/6
In leather case	5/6

Tints:

Brune and Blonde

**ORDER THROUGH YOUR
WHOLESALE HOUSE.**

**EACH
BOX
CONTAINS
A PUFF**



DEARBORN

LIMITED

37 Gray's Inn Road, LONDON, W.C.

Toilet Specialities.

		Price per doz. to Retailer.	Selling Price P.A.T.A.
PILENTA SOAP	-	10/-	1/-
A complexion soap.			
PROLACTUM	-	10/-	1/-
For the lips.			
PARSIDIUM JELLY		10/-	1/-
For wrinkles.			
ALLACITE of ORANGE		22/6	2/6
A dressing cream. BLOSSOM			
BORANIUM	-	22/6	2/6
A hair tonic.			
CLEMINITE	-	22/6	2/6
For a face lotion.			
COLLIANDUM	-	22/6	2/6
For a face tint.			
PERGOL	-	22/6	2/6
A deodorant.			
STALLAX	-	22/6	2/6
For a shampoo.			
JETTALINE	-	31/6	3/6
For clearing the skin.			
PHEMINOL	-	36/-	4/-
A depilatory.			
MENNALINE	-	36/-	4/-
For the eyelashes.			
MERCOLIZED WAX		31/6	3/6
A face cream.			
STYMOL	-	36/-	4/-
For oily complexions and blackheads			
BARSYDE	-	22/6	2/6
Dandruff eradicator.			
TAMMALITE	-	22/6	2/6
For grey or faded hair.			
LIQUID PERGOL	-	31/6	3/6
To check excessive perspiration locally.			
BICROLIUM	-	22/6	2/6
For whitening the hands.			
HARAPOSA	-	22/6	2/6
Nut oil shampoo.			

STOCKED BY ALL WHOLESALE HOUSES

COLONIAL DEPOTS AND AGENCIES.

AUSTRALIA:

ALL WHOLESALE, and
DEARBORN, Ltd., Grace House, Clarence Street, Sydney.

SOUTH AFRICA:

LENNON & CO., Ltd. (Cape Town)
SIVE BROS. & KARNOVSKY, Ltd. (Johannesburg)

INDIA:

KEMP & CO., Ltd. (Bombay)
THE INTERNATIONAL TRADING CO., Princess Street (Bombay)
R. MACLURE (Madras)
SMITH, STANISTREET & CO. (Calcutta).
MEHTA BROS. (Calcutta)
JAMNADAS BROS. (Bombay)

NEW ZEALAND:

SHARLAND & CO., Ltd. (Auckland & Wellington)

SOUTH AMERICA:

DEARBORN, Ltd., Calle Salta 264, Buenos Aires.

FOR LARGE BUYERS.

SHAVING STICKS

ALSO

Tooth Powders, Dental Creams,
Vanishing Creams, Shampoo
Powders, Pomade Hongroise,
Brilliantines, Dry Shampoo (Liquid),
Bay Rhums, Toilet Paraffins, Lime
Creams, and all Toilet Goods.

**LOW PRICES for
HIGH QUALITY.**

C. A. STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers,

11 ECLIPSOL WORKS, BRISTOL.

**30/-
Sales with
plenty of
Profit**

**SCOTT'S
BATH SALT**

FOR STOUT PEOPLE

*Advertised in
Nash's Magazine,
Fashions for All,
Coming Fashions,
Ladies Field. &c.*

1/- per box. 10/6 per doz
36 boxes 30/-.

72/- per gross, carr paid
with Showcards.

Scott's Chemical Co.,
47, HUDDLESTONE RD.,
LONDON, N.W.2





MALACEINE



MALACEINE PRODUCTS

Manufactured by
"PARFUMERIE MONPELAS"
PARIS.

No.				On the P.A.T.A.	
				Wholesale Price Per Doz.	Minimum Retailing Price Each.
62	Crème Malaceine, Small size	-	-	21/-	2/6
63	" " Medium size	-	-	42/-	5/-
64	" " Large	"	-	66/-	7/6
67	Poudre Malaceine	-	-	34/-	4/-
71	Malaceine Toilet Soap	-	-	31/-	3/6
78	" Shaving Soap	-	-	31/-	3/6

SHOWCARDS SUPPLIED.

An extensive Advertising Campaign is now proceeding in all the principal Society Papers.

SPECIAL TERMS for Home Trade—

Small quantities - - - - - 7½ % 1 Month
 £5 lots and upwards - 5 % Invoice and 7½ % 1 Month

SOLE WHOLESALE AGENTS FOR
 GREAT BRITAIN, IRELAND, SOUTH AFRICA and INDIA—



WILLIAM TOOGOOD LTD
77, SOUTHWARK ST
LONDON, S.E.1.



X SAPON SOAP X

DELIGHTFUL TO USE—PROFITABLE TO SELL—
PERFECT FOR THE SKIN.



MADE FROM CEREAL BY-PRODUCTS.

DOES NOT COMBINE WITH LIME OR MAGNESIA SALTS IN WATER.

LATHERS FREELY IN HOT OR COLD, SOFT OR HARD, AND EVEN SALT WATER.

WONDERFUL RUSSIAN TAR, SWEET-SCENTED IDEAL, AND OTHER VARIETIES.

RECOMMENDED BY DOCTORS AND NURSES EVERYWHERE.

We are in no way connected with any combine of soap makers.

BETTER SOAPS—BETTER PROFITS.

WRITE FOR PRICE LIST:

X SAPON SOAPS LTD., LONDON BRIDGE, E.C. 4. X



Nothing safer, or surer of sale could be bought. Selling now just as freely because users can depend upon its Hair-growing, Waving and Beautifying virtues. "Quin-Quenna" lives up to the claims so consistently and cleverly presented in the Press. This explains why there is never a "slump" in "Quin-Quenna" sales. Show the advertising material, and sales are automatic.

4/- PER DOZ.

Try yourself 2 x 6 dozen counter cartons and receive

FREE 2 dozen 6d. packets FREE plus window selling-aids, cards, wrappers, etc. Remember, to show is to sell.

Thos. Christy & Co., Old Swan Lane, E.C.4.

43%

STRODONIA Vanishing Cream.

NOW SUPPLIED IN
ALUMINIUM
SCREW-CAPPED JARS.

10½d. size—7/6 doz. 1/3 size—10/6 doz.

FROM LONDON WHOLESALEERS.

Direct orders value £5, subject to 1 doz. 1/3 size Bonus for window display and 5% discount cash, one month; £2/10/0 subject to 4-doz. 1/3 size Bonus for window display, net; £1/10/0 subject to 2-doz. 1/3 size Bonus for window display, net. Carriage paid on £1/10/0 upwards.

STRODE COSH & PENFOLD, Broadmead, BRISTOL.

The Evan-Williams
Always in Great Demand.
Price List on Application.
The Evan-Williams Co., Ltd., 18, Ogle Street, W.1.
ORIGINAL SHAMPOO.

TABLETS. ASPIRIN
PHENACETIN CO.
SACCHARIN.

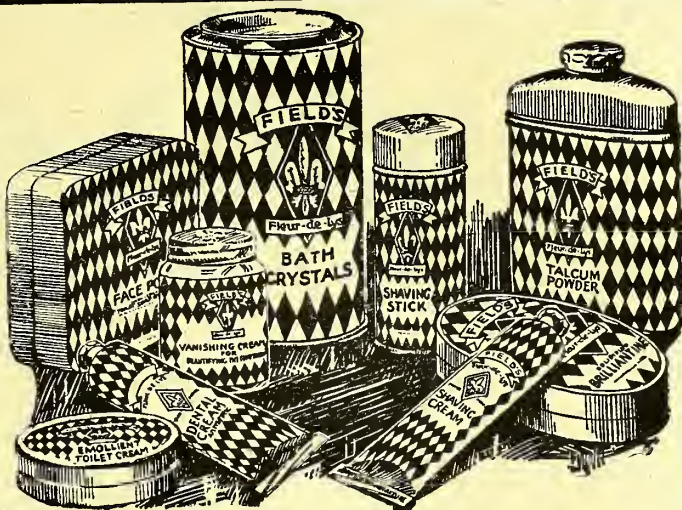
LOWEST PRICES.

TIMOTHY WHITE CO. LTD., Manufacturing Chemists, PORTSMOUTH.

IN their presentation to the public, Field's Fleur-de-Lys Toilet Preparations strike an entirely new note. They are daintily packed in containers covered with a very arresting yet dignified design of old gold and black diamonds, that cannot fail to attract the attention of your customers, and convey a very pleasing impression.

These lines are all a lucrative source of profit to you, and their quality, and the very attractive manner of their presentation to the public, assure that the advantageous terms offered you are regular and continual.

Their quality is backed by our high reputation—nearly 300 years old.



FLEUR-DE-LYS

Toilet Preparations

J. C. & J. Field, Ltd., Upper Marsh, Lambeth, S.E. 1.

Estd. in 1642, in the reign of Charles I.



Mr. Geo. R. Sims' "Tatcho" and "Tatcho-tone." A big vigorous, impressive advertising campaign, covering the whole of the British Isles, is now being pursued. A vastly increased volume of business is inevitable. Generous profit to the trade has been arranged.

TATCHO
THE HAIR GROWER
Price 2/9

TATCHO-TONE
FOR GREY HAIR
Price 4/6

GEO. R. SIMS' HAIR RESTORER CO.
5 Great Queen St., Kingsway, LONDON, W.C.2.

Wholesale :
26/-
PER DOZEN.

Wholesale :
42/-
PER DOZEN.



LOVELY (A BRITISH SCIENTIFIC INVENTION)
EYELASHES

Colourless, harmless eyelash food. Beneficial to the eyes.

Terms:—33 1/3% any quantity.

CURLASH CREAM

For a small show in your window:

OUR WINDOW-SHOW OFFER { 3 Doz. @ 1/- ... £1 16 0
9 Free 9 0
Returns £2 5 0
Outlay £1 7 0

With Dummies and Show-
cards. Carriage paid.

NET PROFIT 66 2/3% 18 0

THE BALDWIN MFG. CO., Ltd., 37 Berners St., London, W. 1.

South Africa:
ASHKANAZY, LTD.
Johannesburg.

P.A.T.A.
1/-, 1/9 & 3/6
EXTENSIVELY
ADVERTISED

Who'sale and Export ONLY.

COMBS

DRESSING - RAKE - TOOTH

Write for Samples and Quotations for immediate delivery.

J. A. BROTHERS,

17/18 Chapel St., Whitecross St., London, E.C.2

Phone: CITY 5321.

CALOX

The Oxygen Tooth Powder

The fact that, despite difficult conditions, Calox has not only held its ground but increased its popularity, gives added proof of its already well-proved value.

So perfectly does Calox meet the requirements of dental and oral hygiene that it enjoys the wide approval of eminent dental practitioners and the repeated recognition of the scientific press.

Calox is attractively packed and well advertised.

McKESSON & ROBBINS, New York, U.S.A., Manufacturers.

British Depot: G. B. KENT & SONS, Ltd., 75 Farringdon Rd., London, E.C.1

Canadian Depot: National Drug and Chemical Co. of Canada, Ltd., Montreal.

Australian Depot: GEO. WILLS & CO., Ltd., Melbourne.



BIDWELLS

SPECIAL NOTICE.

We are now putting up
£12 parcels of assorted
HAIR BRUSHES,
suitable for Christmas
Trade. Attractive lines
and good value. Let us
send you one.

AXMINSTER - - DEVON.

WRITE
FOR PRICES
TO-DAY.



Northern Agents—
PENNY & CO.,
Bigg Market,
Newcastle-on-Tyne



THE HOUSE FOR

COMBS

OF EVERY DESCRIPTION.



Wholesale and Export only.

VERNON POWELL,

The Comb Specialist's and Druggists' Sundriesmen, LTD.
9 & 10 ST. ANDREW'S HILL, E.C.4.

Telephone: City 3125.

Pompeian

BEAUTY PREPARATIONS

Advertising for the United Kingdom

THERE has been so much "swank" in introducing new toilet goods, that we hesitate to tell you of the advertising plans of the Pompeian Co., lest you put our statements in the same category.

The Pompeian Co., through 20 years' experience in many countries, know that to sell goods in vast quantities advertising must be in a big way. They have already placed a large sum of money in a London Bank to meet the cost of persistent advertising.

Educational Advertising which develops new Trade

The Pompeian Co. also believes in creative (educational) advertising, the kind that develops *new* users of preparations. They have seen a great new volume of sales go over the counters of the trade owing to the creative educational advertising of themselves and their worthy competitors.

We firmly believe the Trade in the British Isles owe it to their own interests to co-operate with such creative advertisers. Constant display of the products, counter racks and showcards, and fair stocks on hand will accomplish this, and where possible, a friendly word to your customers will not come far amiss.

Press and Magazine Advertising

THE DAILY MAIL (1,206,408 circulation).—Steady, frequent and large spaces in this widely read paper.

THE SUNDAY PICTORIAL (2,800,000 circulation).—Large and frequent space in this rapidly growing paper.

VOGUE.—Frequent colour pages in this society magazine.

EVE.—Colour pages in this lively magazine.

Many other Papers and Magazines will be added in various sections of the country as the campaign develops.

YOU will get a sure and large demand for Pompeian, so please watch your stocks closely and telephone your nearest Wholesaler promptly.

WARNING

Only Pompeian BEAUTY Powder, DAY Cream and BLOOM will be widely advertised at present, so have only light stocks and popular sizes of Pompeian MASSAGE Cream (for oily skins), Pompeian NIGHT Cream (for dry skins), and Pompeian FRAGRANCE (a talcum powder with a real perfume).

J.E. ELLIS, Ltd. (Dept. CD3) 50 Wellington St., LEEDS

(Sole Pompeian Agents for the United Kingdom).

Pompeian Beauty Powder.

A high-class face powder—delightfully perfumed ...

Per Doz. Net.	Retail Price each.
£ s. d.	s. d.
1 1 0	2 6

Pompeian Day Cream (Vanishing).

White and pure, especially suited for oily skins. Attractively perfumed ...

1 1 0	2 6
-------	-----

Pompeian Bloom.

A rouge in a hard cake (boxed) with puff—light, medium and dark ...

1 1 0	2 6
-------	-----

Note exceptional PROFIT of 43% on outlay; 30% on sales plus extra 5% discount for £5 upwards.

Pompeian Massage Cream.

A pink cream for cleansing and massaging the skin ...

Per Doz. Net.	Retail Price each.
£ s. d.	s. d.
1 1 0	2 6
1 12 0	3 1
2 2 0	5 0

Do. do. Medium

Do. do. Large

Pompeian Night Cream.

A perfected cold cream ...

12 7	1 6
------	-----

Do. do. Small Jar

16 1	1 11
------	------

Do. do. Large Jar

1 12 2	3 10
--------	------

Pompeian Fragrance.

A talcum powder with a delightful odour ...

10 6	1 3
------	-----

Overstocks gladly reduced.

P.A.T.A.

Midgley's hold the Trumps!



*We are the
dealers
and it is our
lead!*

WRITE FOR SPECIAL TERMS.

EVANS SONS LESCHER & WEBB LTD., SOLE DISTRIBUTORS LONDON & LIVERPOOL.



SHAMPOO SNIPPETS.

♦♦

The large Advertising campaign throughout the country is educating the public to the new use of Coconut Oil.

...

Your customers—women particularly, men generally—are without doubt likely to be interested.

...

Violiv Shampoos are based on this new idea. And the merit in it is the criterion of the immense good that comes out of it.

...

Get your public on to Violiv Shampoo—they will prove your judgment by regularly using it.

...

It will pay you to keep them on Violiv—it yields a profit of 120%.

...

That's the policy of the Violiv Co. Plenty of merit for the public—plenty of profit for the retailer.

...

The accruing good to all concerned is undoubted.

Merit makes it popular—and keeps the profit growing

That is the idea behind all Violiv products—merit to build the custom and generous profit as your reward for showing and pushing the goods.

The latest addition to the Violiv family has made a big place for itself already.



COCOANUT OIL SHAMPOO

By merit—by popular price—by attractive show matter—it makes the profit grow.

It retails at 3d. per packet and yields a profit of 120%

*Send your FIRST ORDER TO-DAY
—and also ask for New Price List of
Violiv products. You will see some very
attractive propositions in this Price List.*

Sole Agents—

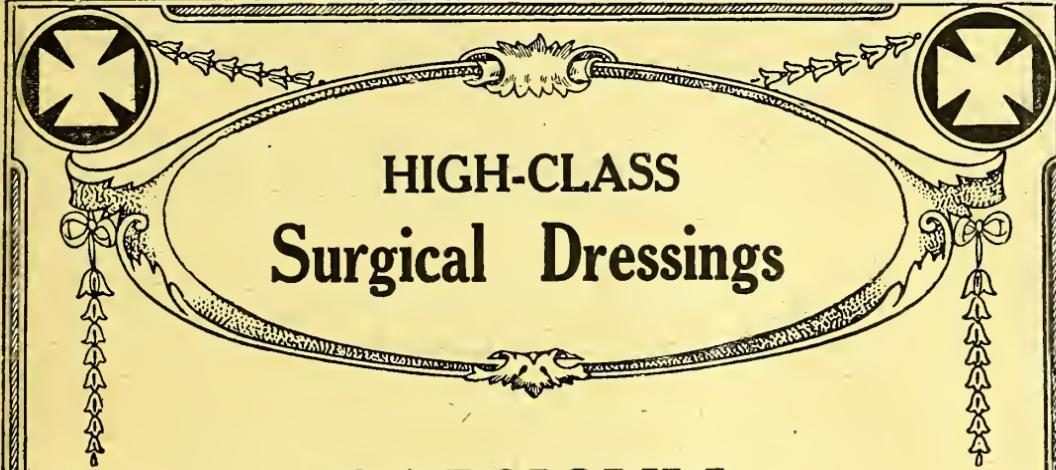
PATTINSON & MACKIE, Ltd.

ALBION HOUSE,

59 New Oxford Street, LONDON, W.C.1.

Manufactured by VIOLIV MANUFACTURING CO. Ltd., EDINBURGH.





HIGH-CLASS
Surgical Dressings

CAPSICUM
CHEST PROTECTORS

"ZORBO" Brand.

ONE QUALITY. TWO SHAPES. THREE SIZES.

		SMALL.	MEDIUM.	LARGE.	
SINGLE	- -	6/-	9/-	12/-	doz.
DOUBLE	- -	10/-	15/-	20/-	„

EACH PACKED IN A CARTON.

5% Discount for CASH WITH ORDER.

London Office and Warehouse:
151-157 GOSWELL ROAD, E.C.1.

Telephone: CENTRAL 3326. Telegrams: "UNDISPUTED, ISLING, LONDON."



ROBERT BAILEY & SON, Ltd.,
SURGICAL DRESSING MANUFACTURERS,
MARRIOTT STREET MILLS, STOCKPORT.
CABLES UNDISPUTED, STOCKPORT. CODE A.B.C. 5TH EDITION.



Stock this profitable New Line

G.L. FORMALIN

To meet the heavy increase in manufacturing, overhead, and advertising charges, we are at last compelled to increase the selling prices of **FORMAMINT**. As from October 8 they will be as follows:

Stamped	-	Selling Price to public : 2/9 per bott. To the Retail Trade : 26/- per dozen Discount to Wholesaler - 12½ %
Unstamped	-	Selling Price to public : 2/6 per bott. To the Retail Trade : 21/3 per dozen Discount to Wholesaler - 12½ %

FORMAMINT will thus yield you a substantially greater profit; but the chances are that there will also be an increase in the demand for cheaper "substitutes" commonly sold as Formalin Tablets.

That is why we are now offering the Trade a much better and more profitable Formalin Tablet than any other on the market—namely, G.L. Formalin. It is made on our Formamint machines, and is so similar to Formamint, both in taste and therapeutic efficiency, that every customer who tries it is certain to prefer it to the ordinary "substitutes" for Formamint.

As G.L. Formalin does not bear our name and requires no patent-medicine stamp, you can sell it as your own proprietary at any price you like—say, 1/- to 1/6 per bottle. And the Trade terms are only 85/- per gross, leaving you a most generous margin of profit.

Messrs. Sangers are the wholesale distributing agents for the United Kingdom, and we suggest that you send us a trial order, which we will hand to them. Please send it promptly, for a very large demand is anticipated; and there is no doubt whatever that G.L. Formalin will be the most profitable "substitute" for Formamint that you could handle. Orders can, of course, be placed through other wholesalers.

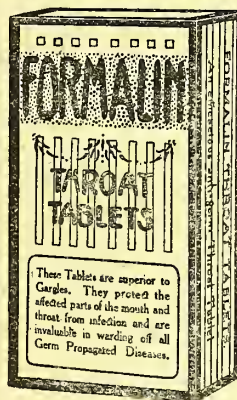
NOTE.—Abundant supplies of Genasprin are now available. It has been suggested to us that we should introduce a small trial size of Genasprin, and we should be glad to hear from our friends in the Trade as to whether this idea appeals to them.

GENATOSAN LTD. (British Purchasers of the Sanatogen Co.)

12 CHENIES STREET, LONDON, W.C. 1.

What we are anxious to rub in to you is that there are
NO TWO QUALITIES with any of OUR PRODUCTS

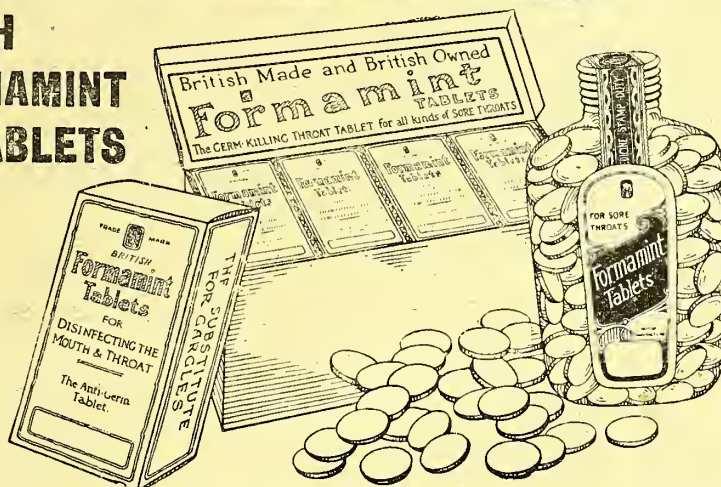
FORMALIN THROAT TABLETS



3 doz. 7/6 dozen
6 „ 7/3 „
12 „ 7/- „

CARRIAGE PAID
on ORDERS for £3.

BRITISH FORMAMINT TABLETS



Bearing 3d.
Medicine
Stamp.

Doz.
3 doz. 10/6
6 „ 10/3
12 „ 10/-

REMEMBER—ONE QUALITY, AND ONE ONLY—THE BEST !

The *Pharmaceutical Journal* says: "... a product of which the firm are justly proud. The tablets themselves are beautifully made and disintegrate in the mouth at the rate essential for the therapeutic effect to be produced."

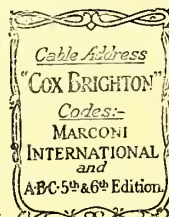
ARTHUR H. COX & CO. LTD

Manufacturing Chemists

BRIGHTON ENGLAND



Established 1839



What Mr. Horatio Bottomley — THINKS OF — **ALKIA SALTRATES** THE BEST OF ALL SALINES for Liver, Kidney, or Rheu- matic Disorders, Etc., Etc. — AND — **REUDEL BATH SALTRATES**

THE BATH PREPARATION PAR EXCELLENCE, cures Corns, and all Foot Troubles permanently, stops rheumatic or other aches and pains within ten minutes.

[Note:—It gives us very great pleasure to announce that the fearless and outspoken editor of "John Bull," whose readiness to praise anything good is only equalled by his promptness in condemning anything bad, has joined the long list of prominent men and women who have used our preparations with results so gratifying that they are only too glad to acknowledge the great benefits derived—SALTRATES, LTD.]

JOHN BULL

TELEPHONES GERRARD 9637.
TELEGRAPHIC ADDRESS 9638

"HEROICALLY, LONDON."

The Manager,
The Saltrates Co., Ltd.,
214, Gt. Portland Street, W.

EDITORIAL OFFICES.

93, LONG ACRE.

LONDON, W.C.

Dear Sir :-

Now that all German Spas are taboo, may I congratulate you on your Alkia Saltrates and Reudel Bath Saltrates, which to my mind (and body) beat Carlsbad into a cocked hat.

In future, with your help, I shall certainly support Home Industries by taking my cure on the spot.

Yours faithfully,

Horatio Bottomley

What is Alkia Saltrates ?

Dissolved in plain water it gives you an exact reproduction of the essential medicinal constituents found in famous Spa waters.

The dose. Less than half of what you have been accustomed to take of ordinary salines.

The taste is pleasant, children cry for it. It makes a sparkling effervescent draught.

The effects. Stimulates the liver, flushes the kidneys, purifies the blood, corrects hyperacidity and other stomach disorders, and eliminates all uric acid or any other impurities from the entire system. Best of all anti-rheumatic agents. Guaranteed free from any depressing or other bad after effects.

The price. Only 3/3 a large bottle. Enough to last the whole family for weeks.



What is Reudel Bath Saltrates ?

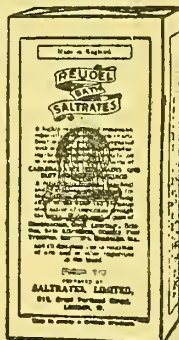
Dissolve this in plain hot water and you will have an exact reproduction of the highly medicated and oxygenated curative bathing waters found at celebrated Continental and other springs and spas.

The effects.—Softens and brings corns right out, root and all, so there is nothing left to sprout a new corn again, as when you merely cut the top off or burn it off with caustic liquids or plasters.

A **Saltrated Bath** will stop any rheumatic or other aches and pains in muscles or joints **within ten minutes**. Also its strongly antiseptic and healing qualities will cure **bad skin affections** quickly and permanently.

The price.—2/- a half-pound or 3/3 a pound. Only a handful of the concentrated compound is required for a full bath, or a tablespoonful for a strong foot bath.

The above preparations can be obtained from any chemist. Complete satisfaction is guaranteed every user, or **MONEY BACK IN FULL IMMEDIATELY AND WITHOUT QUESTION**, Saltrates, Ltd., 214, Gt. Portland St., London, W.1.



TESTIMONY THAT MUST CONVINCE

Can anyone imagine Mr. BOTTOMLEY giving our products his unqualified endorsement—as shown on opposite page—unless convinced beyond doubt that they are absolutely the best obtainable!

WONDER every sale always means a satisfied customer! He thenceforth becomes a regular user of our lines whenever anything of the kind happens to be needed. customer requires no persuasion after he has once given our preparations a trial. He then vs they are just what he wants and is interested in no others. In other words—after you the first sale our goods go on selling themselves.

ALKIA SALTRATES.

widely advertised product, which presents the maximum of possible efficiency in a saline, and the best value obtainable for the money. Being highly concentrated, exceptionally small doses are sufficient, and there is no trace of any salty or other unpleasant taste.

Protected on P.A.T.A. at the full face value of 3/3 a large bottle.

REUDEL BATH SALTRATES.

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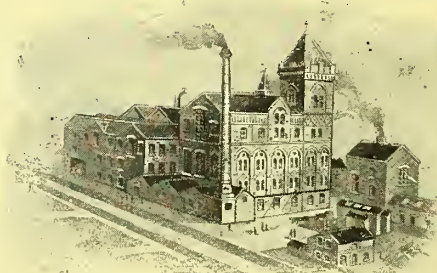
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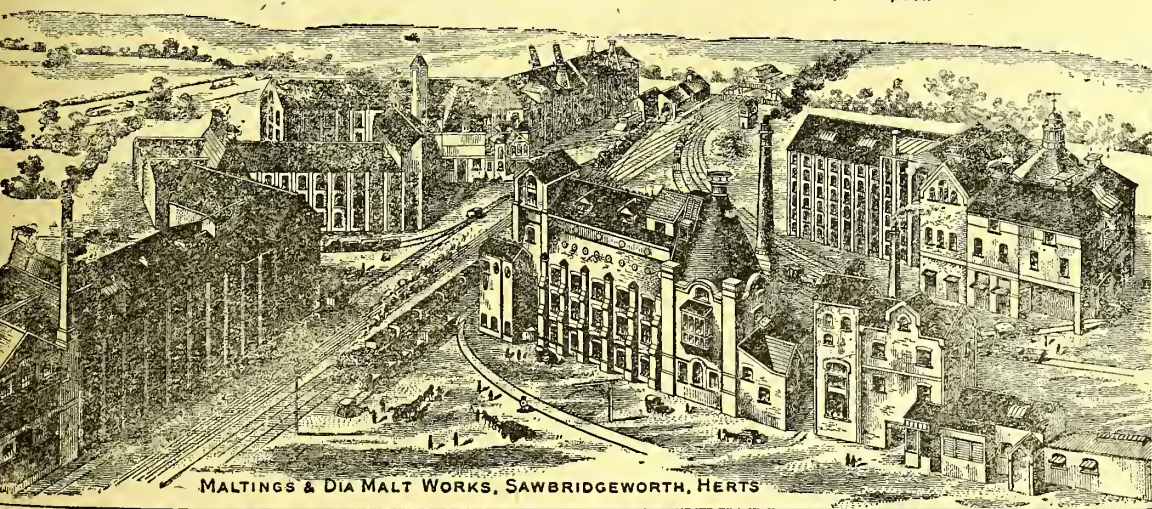
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<i>Assorted as required.</i>	(Best prices apply to lots amounting to £7 16s. or over.)			(Best prices apply to lots amounting to £7 1s. or over.)		

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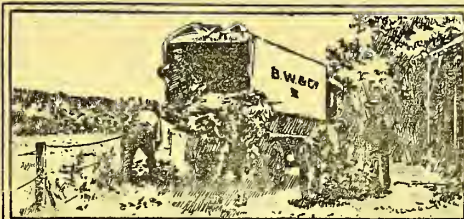
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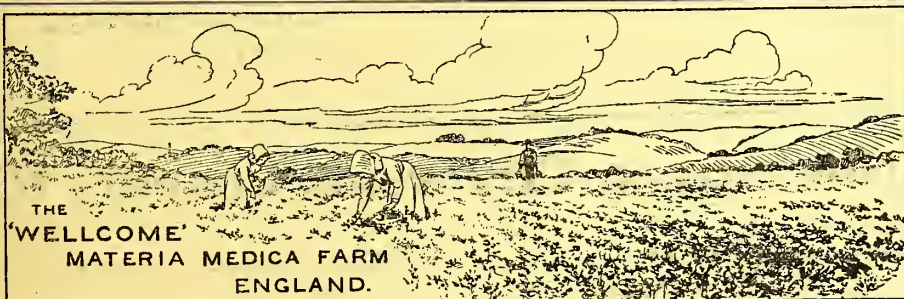
TRADE MARK 'WELLCOME' Brand Tincture of Squill (B.P.)



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Coming Events.

Monday, November 22.

Edinburgh Chemists', Assistants', and Apprentices' Association, 36 York Place, at 8 p.m. Lantern lecture on "The Ductless Glands," by Dr. J. Stanley White.

Tuesday, November 23.

The National Drug and Chemical Union, the Crichton Restaurant, near Clapham Junction Station, London, S.W., at 8.30 p.m. Meeting for managers, dispensers, assistants, and apprentices.

Wednesday, November 24.

Birmingham Pharmaceutical Association, Grand Hotel. Inaugural Meeting. At 6.30 p.m., reception by the President and Mrs. Atkinson; 7 p.m., dinner; 8.15 p.m., speeches; 8.30 p.m., musical entertainment. Applications for dinner tickets (10s. 6d. each) must reach the Secretary by November 20.

Liverpool Chemists' Association, Royal Institution, Colquitt Street, at 8 p.m. Mr. R. Cecil Owen, B.Sc., on "What is Pharmacy Coming to?"

Public Pharmacists' Association, St. Bride Institute, Ludgate Circus, London, E.C., at 8 p.m. Mr. Arthur H. Jenkin on the Test Case.

The Thames Valley Pharmacists' Association, Kingston Hotel, Kingston-on-Thames, at 2.45 p.m. Special meeting.

Royal Society of Arts, John Street, Adelphi, London, W.C. 2, at 8 p.m. Lecture on "Colour Vision and Colour Blindness," by F. W. Edridge-Green, C.B.E., M.D., F.R.C.S., special examiner in colour vision and eyesight to the Board of Trade.

Thursday, November 25.

London (Western) Pharmacists' Association, Pinoli's Restaurant, London, W., at 8.30 p.m. Mr. Mallinson on "N.H.I. Matters" and "The Proprietary Medicines Bill," and Mr. Edmund White on the Test Case.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

Opium and Cocaine Export

The Board of Trade (Licensing Section) announces that licences for the export of the following goods granted prior to August 1 were revoked on November 18: cocaine and its salts and preparations, opium and its preparations, opium alkaloids and their salts and preparations. Application may be made for fresh licences.

Public Institution News.

Orsett Guardians have accepted the tender of Jordan Bros., chemists, Grays, for drugs, etc.

Marylebone Guardians, on the initiative of Councillor F. Hawkins (National Drug and Chemical Union), recently passed a resolution to the effect that a fair-wages clause shall in future be inserted in all their contracts for drugs, etc.

Links with the Past.

The following particulars concerning the Burnley chemists and their businesses of seventy years ago appear in an article by Mr. B. Moore, J.P., in the "Burnley Express and Advertiser" of November 13:

The first chemists' society in Burnley was formed in February 1845; Mr. Peter Phillips was treasurer, and the father of the late Dr. J. W. Anningson was President. The Burnley chemists of that day (1852) were, in addition to Mr. Anningson, P. Phillips, J. J. Smith, L. Smallpage (who afterwards went into the cotton trade), R. and J. Thomas, B. Cowgill (father of Mr. Brian Cowgill), Ed. Senior, C. Greenall, — Heaton (father of Alderman Heaton), J. C. Brumwell (who became Dr. Brumwell), R. Taylor, G. Stephenson, R. Munn, C. W. Hill, J. and G. Strachan, and L. Denbigh. The name of the firm now known as R. Parkinson & Sons first appears in the Society's books in 1873. More than one Burnley chemist has changed his vocation in recent years: Mr. George Dawson became a clergyman of the Church of England, and Mr. Edward Crawshaw started an aniline-dye business in London.

Poisoning.

At Maidstone, on November 16, the inquest on the body of Mrs. Hastings (C. & D., November 13, p. 54) was concluded. Mr. John Webster, F.I.C., expert adviser to the Home Office, confirmed his written report, in which he said he found 12.6 grains of arsenic in the contents of the stomach, liver, and kidneys. There were 2½ oz. of coffee in a tin, which was free from arsenic. Mr. Webster said that 3 or 4 grains of arsenic would almost certainly be fatal to an adult. The contents of the stomach were alkaline, which rather pointed to arsenic having been taken in an alkaline form. The Coroner: Did you find any trace of a weed-killer powder?—No. I carefully examined the contents of the stomach, but I detected nothing in the nature of a powder containing arsenic. Witness considered that at least two or three times the quantity of arsenic found in the stomach must have been taken. Mr. James Nairne, chemist's assistant, said that some time ago Mrs. Hastings went to him in a very agitated condition and requested him to serve her with some poison for killing cats, but he refused to do so. Detective-Sergeant Kent gave evidence of ascertaining that a local man poisoned four cats for the deceased, but left no poison at the house. He had discovered that three years ago the husband of the deceased purchased Eureka weed-killer. The jury returned a verdict of "Suicide during temporary insanity."

Fires.

The following outbreaks of fire have been recorded since our last report:

An outbreak of fire, due to the overheating of a boiler, occurred on November 14 on the premises of Carless, Capel & Leonard, benzene distillers, Hackney Wick, London, E. 9. The destruction caused was not very great.

A fire broke out, on November 15, on the premises occupied by Mlle. H. Rubenstein, complexion specialist,

Grafton Street, London, W. 1. A defective electric circuit is reported to have caused the outbreak, which was practically confined to one floor.

A serious fire broke out, on November 15, at the chemical works of Brotherton & Co., Ltd., Holmes Street, Leeds. A gale was blowing at the time, and the flames spread rapidly. One fireman was overcome by ammoniacal fumes, but recovered. Damage estimated at between 2,000*l.* and 3,000*l.* was done.

Early in the morning of November 16 an outbreak occurred on the premises of the Greenwich Lemonade Co., John Penn Street, London, S.E. 13, resulting in considerable damage to a portion of the building. We are authorised to state that there will be little or no delay in executing orders, a considerable part of the works having escaped injury.

Birmingham.

Sir Ryland Adkins, K.C., M.P., succeeds Mr. J. S. Dugdale, K.C., as Recorder of Birmingham.

The tenants of the Easy Hill site (which the corporation has acquired for a war memorial) have received notice to quit in March 1921.

A well-known local medical man has been insisting, in an interview, upon the danger attending the use of rat-poisons containing arsenic, phosphorus, or even those poisons which are said not to be injurious to cats, dogs, and human beings.

An interesting story of Bull Street appeared in the "Birmingham Weekly Post" on November 13. The following is quoted from a public notice published in 1722: "Stolen, strayed, misled, or by violence withheld, John Thomas Cooper, druggist, only son of Mr. Joseph Cooper, in Bull Street, Birmingham, brushmaker. Whoever can and will give any intelligence. . . ." Another passage refers to the calling of a meeting, in 1773, at the house of a Mr. William Southall to consider the paving of Bull Street. Messrs. Cadbury are stated to have manufactured cocoa and chocolate at No. 33 about this period.

Liverpool.

Mr. H. Humphreys Jones has been initiated as a Freemason.

The recovery of business which followed quickly upon the cessation of the miners' strike is being maintained.

Lieutenant-Colonel G. M. McLoughlin, T.D., King's (Liverpool Regiment), has presented to the Marlborough College, The Brook, a memorial tablet to the old boys who fell in the war. At the dedication by the Rev. A. W. Robinson, it was stated that the donor had over forty years' connection with a leading local house (Evans Sons Lescher & Webb, Ltd.). He went through the whole of the war, and was promoted to his present rank on the field.

Among the city councillors and magistrates invited to accompany the Lord Mayor of Liverpool (Alderman E. Russell-Taylor) to St. Nicholas Church on November 14 were Mr. Edwin Thompson (Thompson & Capper, Ltd.), Mr. R. J. Herman, and Mr. Henry Peet, J.P. The Mayor of Bootle (Mr. John H. Johnston) invited the medical men of his borough and Mr. Harold Wyatt, J.P., to accompany him to the parish church and Emmanuel Congregational Church, Bootle.

Manchester

Mr. V. Cromack, chemist, 413 Oxford Road, has acquired the preparation known as Menthagene.

Quite a number of chemists are subscribing to "Display" as the result of Mr. Marfitt's recent lecture to the pharmacists of the district (see p. 70).

Mrs. Cleworth, the wife of Mr. John Cleworth, President of the Manchester Pharmaceutical Association, has been seriously ill for three weeks, but is now progressing favourably.

The President of the Manchester Pharmaceutical Association was present with several of the council and members of that body, at the lecture given by Dr. J. Stanley White to the Salford Association on November 11.

Several pharmacists have recently been elected members of our Association, making the membership larger than it has been for some years. More interest seems to be taken in pharmaceutical affairs in these strenuous days.

Short-eld.

Capsicum wools, hot-water bottles, and other cold-weather lines are the chief subjects of display in Sheffield pharmacies.

Mr. H. B. Hammond, secretary of the local Association, has been taking a short holiday in order to call on his brother pharmacists.

Several Sheffield chemists visited the motor exhibition which was held in London recently—with what object will perhaps be revealed shortly.

The death is announced of the wife of Dr. Hicks, Sheffield University, a man of science well known to the older generation of local pharmacists.

The Derbyshire oil-borings are reported to be giving quite a good flow, which, it is rumoured, is being held in check for reasons that do not appear on the surface.

It has been definitely decided to purchase the glass-works of P. T. Turner & Co., Ltd., Darnall Road (C. & D., October 16, p. 48), for the glass department of the University.

Miscellaneous

BURGLARY.—The pharmacy of Mr. F. V. Butterfield, chemist and druggist, Harrogate, was broken into recently. The intruders rifled the till and took away some goods.

ACCIDENTAL POISONING OF DOGS SUSPECTED.—The loss of a considerable number of dogs in the Orpington district of Kent, similar symptoms preceding death in each case, is attributed by a veterinary surgeon, according to "The Daily Mail" of November 17, to the extensive use of barium carbonate in rat-poisons exposed on a large scale.

EXTENSION OF CHRISTMAS HOLIDAYS PROPOSED.—Dewsbury chamber of trade has decided to recommend the closing of shops from Friday evening, December 24, to the morning of the following Wednesday.—Barrow-in-Furness chamber of trade recommends the closing of shops from Friday evening, December 24, to the following Tuesday morning, and from New Year's Eve (Friday) to the morning of Tuesday, January 4.

GERMAN REPARATION DYES FOR SALE.—The Chemical and Dyestuff Traders' Association announce that the Board of Trade hold considerable stocks of German reparation and other dyes which have not hitherto been put on the market, out of consideration for the condition of the trade. The Government are anxious to dispose of these stocks, which cover a wide range of colours, direct to the trade, and firms interested are invited to communicate with the Industries and Manufacturers' Department of the Board of Trade, Great George Street, London, S.W. 1.

UNLAWFUL POSSESSION OF MORPHINE.—At Lambeth Police Court, London, on November 12, the hearing of the case against C. Parker and B. Smith, charged with the unlawful possession of morphine valued at 10*l.*, the unlawful possession of morphine valued at 10*l.*, was concluded. Mr. (C. & D., November 13, p. 51), was concluded. Mr. Muskett, prosecuting, remarked that, owing to the unsatisfactory state of the law at the moment, it was only possible to deal with the prisoners for the comparatively trifling offence of unlawful possession. Mr. Helier, for Parker, assured the Court that there was no connection between this case and the traffic which went on in the West End. Mr. Zeppler, on behalf of Smith, submitted that there was no evidence that the morphine had been dishonestly obtained. The magistrate remarked that he did not know what inference could be drawn in the circumstances except that it had been stolen. Mr. Zeppler: This case has been advertised throughout the length and breadth of London, and if this had been stolen someone would have come forward. Mr. Muskett said there was reason to believe that the drug came from Germany. The magistrate sentenced each of the prisoners to twenty-one days' imprisonment, and ordered Parker to pay 5*l.* 5*s.* towards the cost of the prosecution.

EXPLOSION.—While an apprentice was mixing, on November 10, some chemicals in the warehouse of Mr. T. Edmondson, chemist and druggist, Penrith, an explosion occurred. The flames which followed were speedily subdued, and the damage done was not serious.

BENZENE FATALITY.—In the course of an inquest in West London, on November 15, on the body of a woman named Taylor, who died from burns, an inspector of the London County Council suggested that the deceased had been cleaning the carpet or the tapestry of a chair with benzene, and not having replaced the cork of the bottle went to light the fire; the vapour of the benzene "back-fired" to the bottle. In reply to the coroner, witness said there were no restrictions on the sale of benzene, anyone being allowed to purchase up to twenty-four bottles, each containing a pint, without a licence. The coroner, in recording a verdict of "Accidental death," remarked that it was time there were more stringent rules for the sale of benzene.

Irish News.

Brevities.

Mr. Smyth gave notice of motion at a recent meeting of the Strabane Guardians to increase the salary of the analyst to 25*l.* per annum.

Mr. Robert Hastings, J.P. (Robert Hastings, Ltd., chemists, Newcastle, co. Down), has been appointed on the committee of the Newcastle branch of the Royal National Lifeboat Institution.

The Ballinrobe Guardians, who decided some time ago to break off all relations with the Local Government Board, have resolved at a recent meeting not to complete the requisite form with a view to securing recoupment for medical and surgical supplies. The clerk explained that the loss would be between 700*l.* and 800*l.*

A return was submitted to the Oteley Guardians showing that the total cost of medicines for the half-year was 339*l.*, of which 245*l.* was for dispensaries. The attention of the medical officer was drawn to the fact that the cost of drugs was excessive as compared with the other districts. The Guardians have also decided not to join the proposed scheme for the combined purchase of articles by public bodies. Medicines and medical and surgical appliances were under the scheme (*C. & D.*, November 13, p. 52) which has been adopted by public bodies throughout Ireland.

Belfast.

The premises of Mr. T. Finegan, Ph.C., 120 Royal Avenue, Belfast, were raided by a party of military and police on November 16. An exhaustive search was made, and Mr. Finegan was arrested and taken to the military barracks. A search of his private residence was also made by soldiers and police.

Belfast Corporation has appointed Miss Ireland as dispenser at the City Sanatorium. Two male applicants were ruled out, the Local Government Board having approved of the appointment of a lady only. The appointment is a new one, and the conditions provide that Miss Ireland shall carry out the duties of dispensing in addition to routine bacteriology, and when not engaged on this work assist in the clerical work of the department.

Dublin.

Tenders for medicines for Dr. Stevens' Hospital are being invited before November 22.

The pharmacy of Mr. Patrick Moloney, M.P., Ph.C., Tipperary, was burned down on November 13 as a "reprisal" for the shooting of policemen in the district.

NEW SCALE OF DENTAL FEES.—The scale of fees payable to civilian dental surgeons for dental treatment to soldiers has been revised: the maximum, including the anaesthetist's fee, for any single patient must not exceed 8*l.*, unless the circumstances are exceptional. Dentists privately consulted by soldiers are not paid from Army funds.

Scottish News.

Brevities.

The growing unpopularity of the night-bell is scarcely to be wondered at in these days of trade unionism.

A correspondent, commenting on the number of foods and tooth-pastes which are constantly being put on the market, writes: "One notes with apprehension that little encouragement is required to induce some manufacturers to introduce new blends or shades of fully established commodities."

In connection with the recent Scottish municipal elections the following appointments in the respective town councils have been made: Mr. G. G. Hill, Rothesay, third baillie; Mr. A. G. Laidlaw, Lockerbie, provost; Mr. W. A. Ness, Aberdeen, second baillie; Mr. J. A. Russell, Greenock, treasurer; Mr. R. J. Shennan, Dalbeattie, second baillie; Mr. W. S. Taylor, Inverurie, second baillie.

Dundee.

The whist-drive and dance held in Gray's Rooms on November 10, under the auspices of the local pharmacists and assistants, was well attended.

In the Technical College, on November 15, at a meeting of the local branch of the National Drug and Chemical Union, presided over by Mr. L. McDougall, Mr. S. Jamieson (The William Broynning Co., Ltd., London), lectured on "Petroleum from the Wells to the Pharmacy."

Edinburgh.

The increased demand for chamomile flowers is due to a writer in a Scottish newspaper recommending them for washing the hair.

A woman named Burnett, who stated she had taken salt of sorrel, was, on November 14, admitted to the Royal Infirmary and died shortly after admission.

The old Dick Veterinary College, Clyde Street, has recently been acquired by a London syndicate, and after reconstruction the building will, it is understood, be utilised as a dancing hall.

Sir James Leishman, addressing the members of the Edinburgh Young Scots Society, on November 10, said the great advance in local rates, caused in the past by increasing demands for public services, was within the control of the citizens in a particular locality if they chose to exercise it. He thought there was little or no likelihood of the rates falling.

Glasgow.

The men employed in the shale-oil industry have, as the result of a meeting between the representatives of their trade unions and Scottish Oils, Ltd., been given an increase in wages.

The staff of Mr. T. Mackinnon, chemist and druggist, Govan, propose to hold a dance in the Central Halls, Bath Street, on February 8, 1921, as an outcome of the success of their recent festivity.

Professor Gaiger, F.R.C.V.S., principal of the Glasgow Veterinary College, in an address to the Midland Counties Veterinary Medical Association at Leicester, recently, dealt with the value of serum and vaccine treatment in the combating of animal diseases. He also referred to the researches of the Veterinary College into the preparation of various preventive vaccines.

BRITISH CHEMICALS FOR CANADIAN UNIVERSITIES.—The British Trade Commissioner at Toronto has issued a report regarding the requirements of the universities in Ontario for laboratory equipment, chemicals, etc. Prior to the war the Canadian universities bought largely from the United Kingdom, but during and since the war much of the business has been obtained by the United States. It should now be possible for United Kingdom firms to regain a substantial share of the business, and one buyer has intimated to the Trade Commissioner that "as soon as we can depend on receiving goods within two months we shall resume our former practice of making purchases in England."

Legal Reports.

Partnership Question.—In the City of London Court, on November 15, before Judge Atherley-Jones, K.C., Mr. W. Suter, 6 Durlay Road, Stamford Hill, brought an action, under the equitable jurisdiction of the Court, against Mr. A. J. Warner, chemical import and export merchant, 38 Penshurst Road, South Hackney, for dissolution of the partnership existing between them since December 13, 1919. Defendant's solicitor asked that the case should be transferred to the Chancery Division of the High Court, as the assets exceeded 500*l*. Plaintiff's solicitor said they did not exceed 500*l*. The matter stood over for the defendant's affidavit to be answered.

Lemon Squash Case.—At Richmond (Surrey), recently, Joseph Kingham & Sons, Brentford, were summoned for giving a false warranty; and Henry Gould & Co., Ltd., Clapham Junction, London, S.W., were summoned for aiding and abetting; and for applying a false trade description to some lemon squash. Mr. Walter Frampton, who defended, said that Kingham & Sons purchased the lemon squash from Messrs. Gould, and he thought that Messrs. Kingham should be discharged as they relied on Gould's warranty. Mr. Thomas, who prosecuted for the Surrey County Council, opposed; he said that lemon squash was purchased from Durbridge Bros. on June 11, and, when analysed, was found not to be according to the description on the label (*C. & D.*, September 11, p. 53). This squash was bought from Kingham & Sons, and the latter said they had taken no steps to find out if the squash was genuine or not, as they relied on the reputation of Gould & Co., Ltd. The statute placed the duty of verification on the wholesaler. Mr. Frampton said that Gould & Co., Ltd., had the highest reputation, and had never had any complaints for over forty years. He did not think that in these circumstances Kingham & Sons needed to test the goods they received from them. They were in the same position as Durbridge's, against whom the summons had been dismissed. The Bench thought the warranty was good, and dismissed the summons, but agreed to state a case. Mr. Thomas said he would drop the summons against Gould & Co., Ltd., for aiding and abetting. He would proceed with that of giving a false trade description. Mr. Frampton pleaded guilty. He said that Gould & Co., Ltd., found that some mistake had been made. They mixed their liquids from a formula and purchased the material from firms of good repute. Phosphoric acid was used to give a sharp taste, and was much better and cleaner than the tartaric and citric acids formerly used. Salicylic acid was used to preserve, and was in excess of what it should have been. He thought that some had been put into the syrup before it was purchased, in addition to that which Messrs. Gould put in. This trouble arose from the conditions prevailing in 1918, when the squash was made. The Bench dismissed the case against Kingham & Sons. With regard to Gould & Co., Ltd., they thought the summons had been proved up to the hilt, and fined the company 20*l*.

MUNICIPAL ENTERPRISE.—Under the auspices of the Development Committee of the Cardiff City Council, an illustrated handbook has been issued setting forth the attractions of the city, chiefly from a manufacturer's point of view. A glowing account is given of the facilities available in such essentials as coal, water, and transport. The book is published at 5s. by the Business Statistics Co., Ltd., Baltic House, Cardiff.

AN EXPENSIVE MINISTRY.—"He was told that in the new Ministry of Health—where cleanliness seemed even to stand in front of godliness—they had six superintendent charwomen—(laughter)—and seven deputy superintendent charwomen. (Laughter.) These ladies, in their positions of relative superiority, each, he supposed, in her own degree, supervised the labours of 122 actual charwomen. (Laughter.)"—*Mr. H. H. Asquith in North London, November 13.*

New Companies and Company News.

P.C. means Private Company and R.O. Registered Office.

MAYS' CHEMICAL MANURE CO., LTD. (P.C.).—Capital, 30,000*l*. Objects: To take over the business of chemical manufacturers carried on by T. W. Mays & Sons, Ltd., at Bourne. R.O.: Eastgate, Bourne.

CALLINGTON OXIDE CO., LTD. (P.C.).—Capital, 1,000*l*. Objects: To take over the business of manufacturing zinc oxide at Callington, as the "Callington Oxide Co. Ltd." R.O.: South View, Callington, Cornwall.

LONGFORD DRUG CO., LTD. (P.C.).—Capital, 2,500*l*. Objects: To acquire the business of John Hogan, trading as the "Longford Drug Co." J. W. Hogan, Longford, pharmaceutical chemist, is the first director. R.O.: Main Street, Longford.

ALLIANCE COLOUR AND CHEMICAL CO., LTD. (P.C.).—Capital, 30,000*l*. Objects: To carry on the business of chemical manufacturers formerly carried on by H. Matley as the "Alliance Colour and Chemical Co." R.O.: Radnor Street, Stretford, Manchester.

SIMPLEX METAL LIMB CO., LTD. (P.C.).—Capital, 3,000*l*. Objects: To carry on the business of importers and manufacturers of artificial limbs, and agents for and dealers in crutches and supports, etc. Solicitor: T. Baines, 6 New Burlington Street, London, W. 1.

PHOTEX PAPERS, LTD. (P.C.).—Capital, 25,000*l*. Objects: To carry on the business of photographers, manufacturers of and dealers in all kinds of photographic paper, materials, chemicals, apparatus and appliances, etc. R.O.: 1 Queen Victoria Street, London, E.C.

G. H. MACKERETH, LTD. (P.C.).—Capital, 2,500*l*. Objects: To acquire the business carried on at Market Place, and Mackereth's Mill, the Ellers, Ulverston, Lancs., as "G. H. Mackereth," and to carry on the business of nurserymen, agricultural, horticultural and pharmaceutical chemists, florists, etc. R.O.: 1 Market Place, Ulverston.

BRITISH AMMONIUM CO., LTD. (P.C.).—Capital, 100,000*l*. Objects: To adopt an agreement with A. Rollason for the acquisition of an invention relating to the manufacture of ammonia, and all British, foreign, and colonial rights for the same, and to carry on the business of manufacturing chemists, druggists, dyers, salters, importers and manufacturers of and dealers in pharmaceutical, medicinal, chemical, industrial, and other preparations and articles, etc. R.O.: Crown Chambers, Matlock.

GILLARD GORDON, LTD.—Particulars have been filed pursuant to Section 274 of the Companies (Consolidation) Act, 1908. The company was incorporated in New South Wales on September 6, 1917, with a nominal capital of 30,000*l*. (since increased to 125,000*l*.) in 1*l*. shares. It was formed to take over the business of distillers and sellers of eucalyptus and other oils, and general commission agents and brokers, formerly carried on at Sydney as "Gillard Gordon & Co." The London address is 7 Drapers Gardens, E.C., where H. M. Burnside (London manager and a director) is authorised to accept service.

BENZOL AND BY-PRODUCTS, LTD.—The directors state that the results of the seven months' trading are likely to be considerably in excess of the amount needed to pay the preference dividend for the full year.

MAGADI SODA CO., LTD.—The report for 1919 states that the accounts for the year show a debit balance of 96,832*l*. The caustic-soda plant at Calcutta has been steadily producing, and its output has found a ready sale in various markets; it has not yet reached its maximum production. The company's claim against the Government for compensation for the use of the Magadi Railway and water supply during the war is still unsettled.

BRUNNER, MOND & CO., LTD.—An application for an injunction to restrain the directors from distributing 100,000*l*. to universities or other scientific institutions in the United Kingdom was made in the High Court on

November 17. Mr. Justice Eve, in refusing to interfere by injunction, said the company had established that the resolution passed at the general meeting authorising the distribution was not too general, and that a direct advantage to the company was likely to result from the grant.

LUMEX, LTD., wholesale photographic dealers, Dame Lane, Dublin, are offering for subscription 12,000 preference shares at 1*l.* each. The business was formed as a private company in January of this year, and has contracts with the Dublin Retail Drug Trade Association, the North Irish Pharmacists' Association, and the Ulster Drug Trade Association for photographic developing and printing for the members. Additional capital is now required to meet the expansion of business. The net profits of the business are estimated to be 3,578*l.* per annum, whilst a 10 per cent. dividend on the preference shares only requires 1,200*l.* The list closes on November 20.

R. LANE-HALL & Co., LTD.—In the Companies Winding-up Court, on November 16, Mr. Justice P. O. Lawrence had again before him the petition of the Drug and Chemical Corporation, Ltd., for the compulsory liquidation of R. Lane-Hall & Co., Ltd. Mr. Hart said it was a judgment creditor's petition. The respondent company had passed resolutions for voluntary winding-up, and his lordship had given leave for the petition to be amended by alleging prejudice. The prejudice was that on October 14 a judgment creditor for 90*l.* levied execution, and on October 22 another judgment creditor for 300*l.* levied a second execution. Mr. Bischoff, for the respondent company, stated that two independent chartered accountants had been appointed voluntary liquidators, and they had called a meeting of the creditors, who by an overwhelming majority voted in favour of the voluntary liquidation being continued. Creditors to the amount of 7,710*l.* voted for the voluntary liquidation, and only two creditors—the petitioner and another—to the amount of 278*l.* 15*s.* 6*d.* for compulsory liquidation. An offer had been made to satisfy the execution creditors. His lordship expressed the opinion that this offer should be accepted, and made no order on the petition except that the petitioning company's costs should be paid, the voluntary liquidation to proceed.

CLEM. P. CLAYTON Co., LTD., horticultural and agricultural chemists, Enfield, Middlesex.—In pursuance of the provisions of the Companies (Consolidation) Act, a meeting of the creditors of the above was held on November 1, when the chair was occupied by Mr. A. G. Westacott, who had been appointed as the liquidator in the voluntary liquidation of the company. The statement of affairs presented showed liabilities of 1,122*l.* 16*s.* 8*d.*, all of which was due to unsecured creditors. The assets were estimated to realise 828*l.* 8*s.* 9*d.*, from which had to be deducted 28*l.* 10*s.* for preferential claims, leaving net assets of 799*l.* 18*s.* 9*d.*, or a deficiency of 322*l.* 17*s.* 11*d.* The assets consisted of stock-in-trade at cost, 610*l.* 18*s.* 6*d.*; office furniture, fittings, etc., 78*l.* 13*s.* 6*d.*; book debts, expected to produce 69*l.* 5*s.* 4*d.*; motor vehicle, 65*l.*; and balance at bank, 4*l.* 11*s.* 5*d.* The creditors unanimously decided to confirm the voluntary liquidation of the company, with Mr. Westacott as liquidator, and an informal committee of the three largest creditors was also appointed. The following are among the creditors: Abol, Ltd., Paddock Wood, 28*l.*; Anglo-Continental Guano Works, Ltd., London, 39*l.*; F. W. Berk & Co., Ltd., London, 36*l.*; Geo. Butler & Co., Ltd., London, 40*l.*; Cassel Cyanide Co., Ltd., Glasgow, 48*l.*; T. & W. Farmiloe, Ltd., London, 54*l.*; Guiterman & Co., Ltd., London, 5*l.*; Nicholls & Clarke, Ltd., London, 45*l.*

CARMOL, LTD., 137 Cregoe Street, Birmingham.—A meeting of the creditors of this company was held recently at the Birmingham Chamber of Commerce. According to the statement of affairs submitted, the liabilities amounted to 1,654*l.* 10*s.* 3*d.*, and assets 2,004*l.* 12*s.* 1*d.*, thus disclosing a surplus of assets over liabilities of 350*l.* 1*s.* 10*d.* The company was formed in February 1919 to acquire the Carmol Manufacturing Co. A good business was done previously in the manufacture of saccharin tablets, but since the incorporation of the company the

business in regard to saccharin tablets has not been continued. It was decided that an application should be made to the Court for the appointment of Mr. Parkin S. Booth, as liquidator, in conjunction with Mr. Hackett, and a committee of inspection was also appointed. The following are among the creditors: British Glass Bottle Co. (Rotherham), 172*l.*; W. J. Bush & Co., Ltd., 7*l.*; The Wm. Browning Co., Ltd., 16*l.*; Arthur Berton, Ltd., 41*l.*; John Dales Manufacturing Co., 68*l.*; J. B. Dyson & Son, Ltd. (Birmingham), 23*l.*; Fram Manufacturing Co., Ltd. (Birmingham), 47*l.*; Harker, Stagg & Morgan, Ltd., 29*l.*; Johnson & Jorgensen, Ltd., 91*l.*; Lever Bros., Ltd., 23*l.*; H. O. Lloyd, Hall & Provan, Ltd. (Birmingham), 5*l.*; Raynes Dispensing Chemists, Ltd. (Birmingham), 349*l.*; Robinson & Son, Ltd. (Chesterfield), 24*l.*; Suttley & Silverlock, Ltd., 7*l.*; F. Schutze & Co., Ltd., 6*l.*; S. Thornley, Ltd. (Birmingham), 32*l.*; Lewis Woolf (Birmingham), 12*l.*; James F. Wilkinson (Manchester), 6*l.*

EUCRYL, LTD.—The first annual general meeting was held at the offices of Messrs. Blackburns, Barton & Mayhew, at Alderman's House, Bishopsgate, London. E.C., recently, Mr. J. L. Major, the chairman of the company, presiding. In moving the adoption of the report, the chairman called attention to the substantial sum allotted to the cancellation of war contracts and replacement of defective war stock. All shareholders who are in the trade would understand the difficulties that arose during the war, particularly in regard to Eucryl tooth-paste, owing to the Ministry of Munitions commandeering all supplies of glycerin. Something to take the place of glycerin had to be found, and the consequence was that the tooth-paste made with the substitute was liable in some cases to become unsatisfactory. The company did the only possible thing, in the circumstances, by taking back all customers' stock which had deteriorated in any way. The total sum thus absorbed is over 8,000*l.*, and as this is an expense which naturally will not recur, future profits will benefit accordingly. The turnover has increased from 2,000*l.* in 1908 to close on 100,000*l.* for the year under review, and at a considerably smaller rate of progression the business in five years from now should have a turnover of a quarter of a million. At the end of 1919, Mr. G. S. Steven came upon the board, and was appointed managing director. His business experience and other qualifications should be very beneficial to the business. The resolution: "That the report and balance-sheet be adopted, and that the dividends as recommended by the directors be paid" was carried.

ITALIAN COMPANIES AND DIVIDENDS.—The drug firm of Perelli, Paradisi, Gei e C., of Milan, with a paid-up capital of one million lire, at their annual meeting approved the distribution of a dividend of 15 lire per share. The firm of G. Muti Tomas e C., of Naples, has been established, with a capital of 50,000 lire, for five years, for trading in pharmaceutical specialties and chemicals.—The new firm of Guarmani e C., of Bologna, has been established, with a capital of 105,000 lire, for trading in drugs.—The firm of Pirani e Guizzardi has been formed at Bologna, with a capital of 80,000 lire, to trade in soaps, drugs, and allied products. All arrangements have been made for nine years.—The alcohol distillery known as "Distillerie Zaniboni-Alessandria" has increased its capital from 40,000 lire to 200,000 lire.—At Sesto San Giovanni, near Milan, the new firm of A. Rambelli e C. has been constituted, with a capital of 600,000 lire, for nine years, for the distilling of essences and essential oils.—The well-known pharmaceutical and chemical works of A. Bertelli e Cie., at a recent meeting, decided to pay 200 lire per share, and to increase its capital to 2,500,000 lire.—At Monza, Milan, the firm of Fabbica Inchiostri Tannici di Bielli e Tassinari has been founded for ten years for the production and commerce of inks of every kind, sealing-wax, pastelloes, coloured chalks, etc.—The "Fabbica Italiana Solfuri d'Antimonio," of Turin, is a new firm for the manufacture of sulphide of antimony and other similar products, with a capital of 200,000 lire.—A new firm, known as "Alleanza Farmaceutica di De Angeli e Lorenzini," with headquarters at Milan, has been founded, with a capital of 80,000 lire, for production of pharmaceutical chemicals.

Pharmaceutical Society of Ireland.

Council-meeting.

THE monthly meeting of the Council was held at 67 Lower Mount Street, Dublin, on November 9, Dr. A. J. Barnes, Vice-President of the Society, in the chair. The following members of the Council were also present: Mr. G. D. Beggs, J.P. (the treasurer), Dr. J. C. McWalter, Messrs. W. F. Wells, James Michie, John Smith, H. Lancashire, J.P., R. Blair, Fred. Storey, J. Carroll Culbert, A. Owen Wells, D. McWatson, Wm. J. Hardy, Victor E. Hanna, and Charles E. Digges.

ABSENT COUNCILLORS.

The registrar (Mr. A. T. Ferrall) stated that Mr. McLean Lee, who was recovering from illness, had asked him to apologise for his non-attendance.

Dr. BARNES said he was sorry that the President, Mr. Connor, could not attend. His absence was due to the fact that he was in London on the Society's business. He was there, accompanied by their law adviser, in connection with the position of the Society under the Government of Ireland Bill, which was then before Parliament. A telegram had been received from Mr. Meeke, law adviser to the Society, who had seen the Attorney-General for Ireland on the subject, intimating that he had failed to get introduced into the Government of Ireland Bill the amendments suggested by him on behalf of the Council. Their colleague, Dr. J. A. Walsh, was unable to be with them that day owing to the death of his mother, who had passed away the previous morning. A vote of sympathy with Dr. Walsh was passed, the members standing.

THE PARCELS POST.

Dr. BARNES said they were all probably painfully aware that owing to the cutting off of boats and trains as a result of the coal strike the parcels post between Great Britain and Ireland had been entirely suspended. In his official position as Vice-President of the Society he had telegraphed to the Postmaster-General in the name of the Pharmaceutical Society and pleaded with him to restore the service, and he had also telegraphed to Sir Maurice Dockrell in the House of Commons asking him to continue to use his influence towards the same end. The President of the Society wired from Newry to Mr. Joseph Devlin; and another member of the Council, Mr. Watson, also wired to Sir Maurice Dockrell. He (the Vice-President) had no doubt in his mind that representations coming from such an important body as the Pharmaceutical Society of Ireland had had great weight with the authorities in leading them to decide to restore the service. He was sure that their members throughout the country would appreciate their action in the matter. He conveyed to the Council the vote of thanks unanimously passed to them at the annual meeting of the Dublin and Provincial Retail Drug Association for the use of the Society's premises.

ACCEPTANCE OF CERTIFICATES.

The registrar submitted a letter from Mr. Michael McManus, Medical Hall, Lisnaskea, co. Fermanagh, asking that his certificate of Theoretical Chemistry from University College, Dublin, Medical School be accepted. It was decided to accede to the application.

The following, who submitted certificates from other bodies, were admitted to Preliminary registration:

Mr. John O'Sullivan, Harnett's Medical Hall, Main Street, Killarney; Mr. Patrick Kehoe, Medical Hall, Birr, King's County; Mr. P. G. Flood, 22 Knox's Street, Sligo; Mr. Peter T. O'Byrne, Ballindagginn, Enniscorthy; and Mr. D. V. E. Allport, Eastville, Knock, Belfast.

CHANGES OF ADDRESS.

The following wrote notifying changes in their address:

Mr. M. J. Corbett, Ph.C., to the Medical Hall, Gort, co. Galway; Mr. William Wright, Ph.C., to 17th Company, R.A.M.C., Military Hospital, Curragh, co. Kildare; Mr. Wm. O'C. Hunt, Ph.C., to 178 Commercial Road, Peckham, London, S.E.; Mr. F. Loughman, Ph.C., to 23 Gladstone Street, Clonmel; Mr. Samuel T. Smith, Ph.C., to Hayes,

Conyngham & Robinson's Clontarf Pharmacy, Fairview, Dublin; Mr. W. D. Broderick, Ph.C., to the Modern Pharmacy, Pearse Street, Listowel, co. Kerry; and Mr. John Rooke, Ph.C., to 7 Oakley Road, Harrow, London, N.W. Mrs. R. M. Leavy (*née* Byrne), Ph.C., Patrick Street, Mountmellick, notified change of name and address on marriage.

RECOGNITION OF PRELIMINARY.

The registrar read a letter from Sir Wm. Glyn-Jones, secretary of the Pharmaceutical Society of Great Britain, as follows:

You will see from the enclosed copy of the Regulations that we do accept your Society's Preliminary examination. I am asking the School Committee to consider your request that your courses of lectures in chemistry, botany, and materia medica should be recognised for the purposes of the curriculum.

Dr. BARNES said that at the September meeting he read a letter which he had received from one of their members in London. That member had presented himself for the Minor examination of the British Society, but when he handed in certificates of lectures which he had taken out in the Irish Society's schools, these were not recognised. He wrote to the Irish Society to see what could be done in the matter. From the letter of Sir Wm. Glyn-Jones it would appear that the matter had received attention.

Mr. W. F. WELLS said they ought to thank the British Society for accepting their Preliminary, which was one step forward, and express their hopes that their lectures would be accepted later on.

REPORTS FROM EXAMINERS.

The registrar submitted reports from the Examiners upon the Preliminary, Pharmaceutical Licence, the Pharmaceutical Assistant, and the Registered Druggist examinations. For the Preliminary examination thirty candidates presented themselves, of whom sixteen passed, none passing with honours. For the Pharmaceutical Licence examination twenty-seven candidates presented themselves, of whom fifteen passed, five passing with honours. For the Pharmaceutical Assistant examination there were two candidates, both of whom passed. For the Registered Druggist examination eight candidates presented themselves, of whom four passed.

Reports were received from the Law Committee and the House Committee, and were adopted.

RETIRING EXAMINER.

Mr. H. J. Sumner, M.P.S.I., in relinquishing the examinership for the assistants' qualification, on completion of his term of five years, wrote to thank those members of the Council with whom he came in contact for the kindness and courtesy he had received. He added that he had found the work interesting and also instructive, the answers given frequently showing things from a novel point of view.

EX-SERVICE MEN.

Dr. McWALTER moved, in accordance with notice of motion:

That the Pharmaceutical Society of Ireland wish to bring before the Minister of Health, the Minister of Pensions, and the other Government Departments concerned the fact that a large number of ex-Service men are now studying in the schools of the Society, at the public expense, with a view of obtaining the qualification of pharmaceutical chemist; but that such students, when they obtain this qualification, will not be recognised, under existing laws, as qualified dispensing chemists in any part of Great Britain, but only in Ireland, and hence their chances of earning a livelihood are greatly restricted. The Pharmaceutical Society of Ireland therefore respectfully requests the responsible Minister to introduce legislation, by means of a clause in the next Health Bill, or otherwise, to remedy this anomaly, and to ensure that persons qualified, with the aid of public funds, on account of military service, by the Pharmaceutical Society of Ireland to dispense medicines, shall be regarded as qualified in any part of the United Kingdom. The Pharmaceutical Society of Ireland is disposed, subject to the necessary legal powers, to extend the like privileges to ex-soldiers holding the qualification of the Pharmaceutical Society of Great Britain.

Dr. McWalter said that a number of men who were getting Army grants were studying in their schools, and

he thought it was the opinion of the Government that once they got the qualification of the Irish Society they were qualified to act as dispensers in Great Britain or in any part of the Empire. But Irish graduates are not recognised in Great Britain. The Government, he thought, should remove that anomaly. The Irish Society must in return recognise the British qualification.

Mr. MICHIE: That would not mean that we should have to recognise the ordinary licentiate?

Dr. McWALTER: I think it would amount to that. This binds you to nothing, except that you are prepared, if it is legal, to accept the certificate of the Pharmaceutical Society of Great Britain for the ex-Service men. It would be handier for the Government to add a clause extending the privilege to all persons. It would be a good thing for the assistants if the Irish pharmaceutical qualification were recognised in Great Britain, but a doubtful thing for the employers. It was a great anomaly that the State should pay for the education of men as pharmacists, and that the same State which paid for their education should refuse to recognise the qualification. The object of the State, which was to enable them to earn a decent livelihood, was defeated. If Parliament were aware of it, it would not countenance it.

Mr. McWALTER said that perhaps Dr. McWalter would like to amend his motion by inserting in it the Council of the Pharmaceutical Society of Ireland instead of the Society itself. On a point like this it would be almost necessary to refer the matter to the electorate.

Dr. McWALTER: Unless we thought that we spoke for the whole Society, I don't think we ought to do it.

Mr. HARDY seconded Dr. McWalter's motion.

Mr. LANCASHIRE said they had had a very interesting discussion at their annual meeting on this very subject, and he thought there were few dissentients from the proposition that they should make application to the British Society to recognise their licentiates, and that the Irish Society should recognise the British licentiates. He did not think that the question of the ex-Service men was introduced, and was of opinion that no one had objected. He fully understood that if they made a move in the matter it would be to have the recognition of all.

Dr. BARNES: The point raised by Mr. Watson as to whether the word "Council" should go in is an important one.

Dr. McWALTER: I do not regard it as of any importance, but if the members do, by all means let it go in.

Mr. W. F. WELLS: Pass this resolution and ask the British Society to accept such men, and say that we will do our best to get liberty to accept their men. I suggest that we pass the resolution in that form.

Dr. McWALTER: I have no objection to that course if it commends itself to the members.

Mr. WELLS: They have power to accept us, but we have no power to accept them.

Mr. MICHIE: Although at the annual meeting no opinion was expressed, silence is not to be taken as assent. It is a big matter. If we asked the Pharmaceutical Society of Great Britain to grant a concession to ex-Service men we should find means of doing the same as regards their men. It would be a pity to rush it through without consulting the licentiates of the Society.

Mr. CULBERT: Would it not get rid of the difficulty to bracket the Pharmaceutical Society of Great Britain with the other bodies mentioned?

Mr. WATSON: I don't think the annual meeting was unanimous. There was almost a show of hands taken that night, and I objected to that for the very same reason that I object to-day—that on a fundamental question of policy we should not act unless we are perfectly certain that we have the great bulk of our licentiates behind us. Anything that we do should leave us subject to a plebiscite being taken to get a decision from the licentiates.

Dr. BARNES: Supposing we approached the Pharmaceutical Society of Great Britain we should be doing too much even then without referring the question to the general bulk of the members throughout the country.

Mr. W. F. WELLS: I am sure if you appeal to the general body of the licentiates throughout the country you won't get them to agree to it.

Mr. HARDY thought they should take steps to ascertain the views of their licentiates throughout the country on the question of reciprocity.

Dr. McWALTER expressed his willingness to insert the Pharmaceutical Society of Great Britain in the resolution, in accordance with the suggestion of Mr. Culbert.

Mr. MICHIE moved, as an amendment to Dr. McWalter's motion, that the matter be postponed for three months.

Mr. DIGGES seconded the amendment, which was carried by nine votes to six.

ELECTIONS AND NOMINATIONS.

The following were elected members:

Mr. John Bourke, Ph.C., c/o Mr. J. B. Bolger, M.P.S.I., Rathdowney; Mr. James Glendinning, Ph.C., Waterloo Place, Londonderry; Mr. J. Dawson McClelland, Ph.C., The Medical and Veterinary Stores, Letterkenny, co. Donegal; Mr. James Moore, Ph.C., 2 Leixfort Villas, Kingstown; and Miss J. Agnes Murphy, Ph.C., Cloughleaflin House, Mitchelstown, co. Cork.

APPOINTMENT OF EXAMINERS.

Mr. T. A. W. Hill, M.A., B.Sc., was re-elected an examiner for the Preliminary examination. Dr. H. Hunt, M.P.S.I., was re-elected an examiner for the Botany and Materia Medica Division of the Pharmaceutical Licence examination. Mr. James T. Dwyer, M.P.S.I., the Pembroke Pharmacy, Ballsbridge, Dublin, was elected an examiner for the Pharmaceutical Assistant examination, in place of Mr. H. J. Sumner, M.P.S.I., whose term of office has expired. The election of an examiner for the Registered Druggist examination, in place of Mr. George Brown, M.P.S.I., whose full term of office has expired, was postponed till next month's meeting, as also was a resolution by Dr. Barnes in respect of a post-graduate examination for pharmacists.

Business Changes.

EUCRYL, LTD., London and Southampton, are removing their offices to Shirley, Southampton, as from November 20.

A. C. HANCOCK, LTD., London and Southend-on-Sea, are opening a branch drug-store at 76 St. James's Street, Brighton.

Mr. GEORGE WALKINSHAW, chemist and druggist, has opened a pharmacy at 32 Hounslow Road, Whetton, Twickenham.

NEEDHAMS, LTD., chemists, Buxton Road, Huddersfield, have recently opened an optical department, with a qualified optician in charge.

Mr. W. A. STURDY, chemist and druggist, has recently purchased the business of the late Mr. E. Smith, 92 Bradford Street, Ancoats, Manchester.

Mr. W. A. BURNAGE, chemist and druggist, has acquired the business of H. T. Doble & Son, chemists, Tavistock, which he will continue under the same style.

LIME JUICE.—The total output of lime products in the island of Montserrat for the year 1918, calculated in gallons of raw juice, was equal to 142,277 gallons, somewhat below the average output of the last six years 1913-18, which was 146,702 gallons, and considerably below the average output of the four years 1909-12, which was 222,025 gallons.

MONTSEERAT PAPAIN.—It would seem that the minor industry of the production of papain is on the decline in the island of Montserrat, although a very considerable development in the cultivation of papaws, as a source of the drug, would be possible on large areas in the vicinity of the mountains on the lower slopes in sheltered situations, especially if better methods of culture were adopted. The usual practice of simply clearing certain portions of forest land, and allowing papaw plants to develop from seeds dropped by birds or other agents, is not one calculated to produce good results.—*Report of the Agricultural Department.*

Dublin Retail Drug Association.

Annual Meeting.

THE annual meeting of the Dublin Retail Drug Association was held at 67 Lower Mount Street, Dublin, recently. Mr. D. M. Watson (President) occupied the chair, and the following members were also present: Mr. A. Owen Wells (Vice-President), Mr. J. R. Middleton (treasurer), Dr. J. A. Mitchell, Dr. J. A. Walsh, Dr. A. J. Barnes, Messrs. G. A. McLean Lee, A. H. Oliphant, F. D. Smyth, J. V. McKeever, Patrick Brooke Kelly, W. H. Boyd, Wm. Hopkins Ashmore, A. T. McKay, Ronald E. Campbell, D. Warwick, Victor E. Hanna, Wm. Jones, Robert Mellon, R. White, John Smith, and Wm. Boulton Conyngham.

Mr. Robert J. Kidney (secretary) read the minutes of the last meeting.

THE TREASURER'S REPORT.

Mr. Middleton (treasurer) submitted the treasurer's report and statement of accounts, showing a surplus of 127/. Mr. Wells proposed, and Mr. Mellon seconded, the adoption of the report, and the motion was passed.

The President said they were, unfortunately, losing Mr. Middleton as treasurer. He did not think it would be fair to try to persuade him to act any longer. He had served them for a great number of years, and there were other considerations also which, he thought, justified him in resigning. They were very sorry to lose him. (Hear, hear.) Dr. Barnes said he had much pleasure in moving a hearty vote of thanks to Mr. Middleton. To Mr. Middleton in a great measure was due the present flourishing state of the Association. (Applause.) Mr. John Smith seconded.

Mr. Middleton, in acknowledging the vote of thanks, said he had done little for the Association, but what he had done he had done with all his heart. He was glad to see that it was in such a flourishing condition.

THE PRESIDENT'S ADDRESS.

The President, in the course of his address, said the Association had 378 members at the beginning of the year; they had only 368 at the end of the year. They got in twenty-two new members; there were eighteen resignations; and fourteen had lapsed owing to non-payment of subscriptions. Some of these had since paid, so that they might take it that, notwithstanding eighteen resignations, they had a better membership than last year. As regards the resignations, the committee were aware that practically everyone in the North of Ireland—in Derry and Antrim—was joining the Ulster Retail Drug Trade Association. He thought the most outstanding benefit arising from the Association during the year was the immunity from prosecutions under the Profiteering Act. He did not think this was the best time to attack this question of unprofitable proprietaries; they ought to wait until the Profiteering Act went or was forgotten. He asked that members should not send in suggestions to raise, say, the price of Cuticura soap from 1s. to 1s. 3d. They could not do that, he thought. He considered it would be extremely unwise to raise the prices of such articles as this—prices which were so well known to the public, and in some cases advertised. He had been asked during the week whether the Proprietary Medicines Bill applied to Ireland. At present it was not intended that it should apply to Ireland, and he did not think that it would. They might congratulate themselves that it was for England only. He thought that the new price list had some improvements which were desirable. The leaving out of the "published price" column was an advantage; it left more room for alterations. They had been flattered by having an imitator. In the scheme that they had adopted they priced Burroughs Wellcome & Co.'s goods on a percentage basis of profit on all articles. Burroughs Wellcome & Co. took up that scheme themselves and added on a percentage to the whole list, so that there was now no difficulty in arriving at the retail prices of this firm's

goods. While on the subject of the list, he thought they should again express their indebtedness to Mr. Hanna, and he did not think they should neglect to mention Mr. Ellis, of Hayes, Conyngham & Robinson—(hear, hear)—who had taken a great deal of trouble in the matter, and at practically all the meetings gave them the alterations in a very concise form. He knew that the Association had had nothing to do with the assistants' strike, and consequently he need scarcely mention it, except to say that the Association might take credit to itself for one thing,—that the Employers' Federation was made possible in the short time that it took to bring it into being because of the organisation which existed. Another matter that he thought was a question for the near future was the question of containers. The charges made for them were, in many cases, preposterous, and they had a difficulty in sending them back. Of course, some houses gave free packages. There were others that could do so. The whole question was one that they should take up. He did not think he should pass over their secretary. (Hear, hear.) When they appointed Mr. Kidney as secretary he thought that there would be considerable difficulty in dealing with the terminology of a business like theirs. But he thought that Mr. Kidney and his clerks had shown great adaptability in picking up the terminology of pharmacy. He declared the retiring members of the committee re-elected—Messrs. C. A. J. Troughton, G. Brown, W. H. Boyd, R. Mellon, V. E. Hanna, J. Smith, and R. E. Campbell.

Mr. Mellon proposed a vote of thanks to the President, who, he said, had carried out the duties of the office admirably during the year. He suggested that the Association should arrange for an annual dinner.

Mr. Warwick said he had great pleasure in seconding the vote of thanks to their President. The President, in thanking them, said he had sat in the chair of a few other organisations, but he did not think he had ever enjoyed the chairmanship of any as he had that of their Association.

PROPOSED AMALGAMATION WITH BELFAST.

Mr. Ashmore said he thought the time had come when, in the interests of their Association and in those of the Belfast Association, the two should amalgamate. Now that Mr. Culbert, the secretary of the Belfast Association, was accustomed to visit Dublin they might have an informal meeting and discuss the matter with him. Mr. Hanna said that at the time of coding prescriptions they asked the Ulster Association to follow suit, but they refused. Dr. Barnes said he was heartily in agreement with the suggestion that a combination with Belfast was desirable in order to secure a uniform selling price throughout Ireland. Mr. John Smith said it was possible to have a certain amount of co-operation, but he did not think it would be advisable to have the two Associations amalgamated. There were in the Belfast Association a great many registered druggists who did a drug business and who had special prices. The President said they did co-operate with the Ulster Retail Drug Trade Association, but he would like some more co-operation. There was no hostility between the two Associations, and there need not be any, because their interests were almost identical. There were several reasons—purely mechanical reasons—why it was advisable that there should be two Associations. They would co-operate as much as possible with the Ulster Association. On the motion of the President, seconded by Mr. A. Owen Wells, Mr. McLean Lee was elected the treasurer in succession to Mr. Middleton. It was decided to refer to the committee the consideration of the advisability of seeking the signatures of the Dublin proprietors with a view to the adoption of an 8 p.m. closing hour. Mr. Warwick suggested the advisability of having a list of broken packages of patent medicines distributed among the members of the trade for their mutual accommodation.

Mr. W. B. Conyngham: I am compiling a list of broken patent medicines that would possibly be of use.

Mr. Warwick: For some years past I have been doing it with some of my friends in the neighbourhood, to the satisfaction of all concerned. On the motion of Dr. Mitchell, seconded by Mr. Wells, a vote of thanks was passed to the President and Council of the Pharmaceutical

Society of Ireland for having given the Association the use of their premises for their meetings. A vote of thanks was also passed to Mr. Kidney for his services as secretary.

Annual Dinner.

The first annual dinner was held in the Royal Hibernian Hotel, Dawson Street, Dublin, on November 9, and proved a very enjoyable function. Mr. A. Owen Wells, M.C.P.S.I., President of the Association, presided, and there were present: Dr. J. C. McWalter, Sir Thomas Robinson, Dr. J. A. Mitchell, Dr. McElhinney, Captain C. Robinson, Messrs. D. M. Watson, H. Lancashire, J.P., W. J. Hardy, W. F. Wells, W. H. Boyd, Fred Storey, John Smith, R. Mellon, J. C. Culbert, W. H. Ashmore, W. F. Ellis, A. H. Oliphant, G. A. McLean Lee, T. C. Rowles, J. A. Deakin, H. J. Sumner, W. Murphy, D. Warwick, H. S. Misstear, P. Brook Kelly, R. E. Campbell, Victor E. Hanna, R. Blair, O. Froedman, W. Urton Smith, R. Bates, R. J. Kidney, H. Conyngham, W. B. Conyngham, F. E. Preston, H. Jordan, Vine Sanderson, Lennox Braid, W. Jones, and B. R. Allshire. Dr. A. J. Barnes, Vice-President of the Pharmaceutical Society of Ireland, sent an apology for absence.

The guests included representatives of the Northern Associations. In the intervals between the after-dinner speeches musical or recitative items were rendered by the President, Messrs. Lennox Braid, W. B. Conyngham, Vine Sanderson, and H. Jordan, and were much appreciated.

After dinner the President gave the toast of "The King," which was followed by that of "The Past-President," proposed by Dr. J. C. McWalter. Mr. Watson, in responding, said he had been wondering why they had not thought of having a meeting such as this until the year 1920. The year of his presidency of the Association had been a really enjoyable one to him. He had never enjoyed being in any chair as he had enjoyed the occupancy of the chair of their Association. He thought the reason was that as he had had many years' experience of the trade, he felt he knew a little about what he was doing in that chair.

THE PHARMACEUTICAL SOCIETY OF IRELAND.

Dr. J. A. Mitchell proposed the toast of "The Pharmaceutical Society of Ireland." That Society, he said, had been one of the best friends of the Association. In 1909, when Dr. Barnes, whom he looked upon as the founder of the Association, asked him if he would put down his name as one of the members, he (Dr. Mitchell) said they had a tremendous up-hill work. Dr. Barnes suggested that they should go to the Pharmaceutical Society. The Society did come to their assistance, and they had held all the meetings of the Association on the Society's premises until within a comparatively recent period. He took a very deep interest in the work of the Society, and could not understand why there was any licensee in Ireland who was not a member of the Society. Mr. John Smith, past-President of the Pharmaceutical Society, in responding, said he was glad to know that the Society was looked upon as an assistance to the Drug Association. The members of the Council of the Society, so far as his experience went, had been always willing to do all in their power to assist the Association.

OTHER TOASTS.

Sir Thos. Robinson proposed the toast of "The High Sheriff." It was only fitting, he said, that they should seek to do honour to the most eminent member of their profession in the City of Dublin.

Dr. McWalter, in responding, said that he, a working pharmacist, was a little proud to be the second Sheriff in the British Empire. In pharmacy one felt that he was a member of a very honourable profession indeed. Next year there was to be an International Congress of Pharmacy. It was now recognised on the Continent that pharmacy and medicine were departments of one great profession, and pharmacists and medical men were alike recognised as persons who contributed very materially to

the welfare of the State. Pharmacy was a craft that educated men for other departments of chemistry and medicine, and educated them very well indeed. Colonel Harrison was one of those men who really deserved the credit of having won the war, by his researches on poisonous gases and the means of preventing absorption and inhalation of those poisonous gases.

Other toasts were "The Northern Associations," proposed by the President and replied to by Mr. W. J. Hardy (Ulster Retail Drug Trade Association), Mr. J. C. Culbert (North Irish Pharmacists' Association), and Mr. Fred. Storey (Chemists' and Druggists' Association); "The Organisers of the Dinner," and "The President."

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration. See "The Chemist and Druggist Diary" 1920, p. 308.

(From "The Trade-marks Journal," November 3, 1920.)

- "YVENA"; for perfumery, etc. (48). By the County Chemical Co., Ltd., Bradford Street, Birmingham. 404,176.
- "LILOSA"; for all goods (48). By J. H. Crofts, 76 Victoria Road, New Brighton, Cheshire. 405,557.
- "CONCODAS"; for perfumery, etc. (48). By J. H. Boothroyd, 75 Wellington Road, Eccles, Manchester. 406,915.
- "CUTIDEL"; for perfumery, etc. (48). By the Standard Tablet Co., Ltd., Hove, Sussex. 407,302.
- "DALYB"; for perfumery, etc. (48). By Central Specialities Société Anonyme, 20 Rue Godot de Mauroy, Paris. 407,529.

(From "The Trade-marks Journal," November 10, 1920.)

- "ANCHOR"; for litharge, sulphur, zinc oxide, and golden antimony sulphide (1). By the Anchor Chemical Co., Ltd., Clayton Lane, Clayton, Manchester. B 407,323.
- "LOLACTO"; for all goods (3) and (42). By S. H. Hartmann, Tooley Buildings, King Street, Melbourne, Australia. 392,629/630. (Associated.)
- "LIPOTUBAN"; for all goods (3). By Society of Chemical Industry in Basle, 141 Klybeckstrasse, Basle, Switzerland. 406,264. (Associated.)
- "JAXINE"; for sanitary towels, etc. (11). By Jackson Innes & Co., Ltd., 151 Goswell Road, London, E.C.1. 403,959.
- "RIJON"; for perfumery, etc. (48). By Richards & Co., 55 Pope's Avenue, Twickenham. 406,492.
- "RECUERDA"; and "DEOLEX"; for all goods (48). By E. R. Johnson, 6 Dovecourt Road, London, S.E.22. 407,052/053.
- "HIBESCO"; for all goods (48). By Ayrton, Saunders & Co., Ltd., 34 Hanover Street, Liverpool. 407,559.
- "EUDERMA"; for perfumery, etc. (48). By Warrick Bros., Ltd., 6 Nile Street, City Road, London, N.1. 407,627. (Associated.)

(From "The Trade-marks Journal," November 17, 1920.)

- "ROCHE"; for veterinary chemicals (2), medicinal chemicals (3), ampoule syringes, etc. (11), and invalid foods, etc. (42). By the Hoffmann-La Roche Chemical Works, Ltd., 7-8 Idol Lane, London, E.C.3. 404,062/063/065/066. (Associated.)
- "ANOSOL"; for chemicals (2). By the South Staffordshire Mond Gas (Power and Heating) Co., Dudley Port, Tipton, Staffs. 406,774. (Associated.)
- "ARGOCHROM"; for veterinary chemicals (2). By E. Merck, Frankfurterstrasse 220, Darmstadt, Germany. 406,793. (Associated.)
- "SOLOMIA"; for chemicals (2). By Z. I. Solomides, 3 Leinster Square, Bayswater, London, W.2. 407,590.
- "VIMASAN," "VIMASIN," "VIMARO," and "LAMARO"; for all goods (3) and (42). "OREMA"; for all goods (42). By Society of Chemical Industry in Basle, 141-227 Klybeckstrasse, Basle, Switzerland. 406,269/270/271/272/273/274/275/276/280. (Associated.)
- "PARALAX BRAND MEDICINAL PREPARATION"; for an internal medicine (3). By D. Peebles, 20 West Maitland Street, Edinburgh. 406,351.
- "SEAJOY"; for a sea-sickness preventive (3). By T. Evans, 114 Upper Richmond Road, Putney, London, S.W.15. 406,871.
- "LECTOLATE"; for medicated beverages (3). By Lecithin, Ltd., 1 Queen Victoria Street, London, E.C.4. 406,999. (Associated.)
- "ALLINSON"; for goods (42). By the Natural Food Co., Ltd., 210-214 Cambridge Road, London, E.2. 403,718. (Associated.)

Festivities.

Pharmacist Volunteer Smoking Concert.

THE Pharmacist Volunteer Club held a smoking concert at the Arundel Hotel, Strand, London, W.C., on November 11. The President (Mr. E. A. Atkins) was in the chair, and during the evening gave a short account of the work of the Committee during the past two years. The demand for the souvenir of the Volunteer Corps had not come up to the Committee's expectations, as there were still over one hundred members who had made no application for their copies. Officers and a committee for the ensuing year were elected as follows: Mr. Skuse, *President*; Mr. Wells, *Vice-President*; Mr. March, *Secretary*; and Mr. Jenkin, *Treasurer*. On a ballot the following were elected to the *Committee*: Messrs. Atkins, Hearle, Hillman, Mills, Rees, Shirliff, Wade, and Watson. An enjoyable entertainment was afterwards provided by members of the club. Songs were rendered by Messrs. Watson, March, and Buchanan, Mr. J. J. Clark recited, Mr. Jenkin gave some Shakespearian imitations, and Mr. Atkins provided a conjuring entertainment. Mr. Osborn Atkins presided at the piano. With a view to enlarging membership, an invitation was extended to all ex-Service pharmacists to communicate with the Secretary, F. W. March, 3 Heslop Road, Balham, S.W.

Irish Chemists' and Druggists' Opening Meeting.

THE Chemists' and Druggists' Society of Ireland made a new departure on November 10 in holding the inaugural meeting of the winter session in Thompson's, one of the leading city restaurants, instead of in the Society's Rooms as heretofore. The attendance was the largest on record. Those present included Messrs. Fred. Storey (President), S. Gibson, J.P., F. T. Smith, J.P. (Antrim), R. A. Jamison, S. Suffern, E. J. Roberts, H. Johnston, W. E. Wilson, John Long, C. B. Abernethy, J. D. Carse, J. Balmer (Bangor), J. Moffett, J. Macauley, R. Kells, J. A. McRoberts, Wm. Martin, J. Anderson (Killyleagh), F. Boyle, J. Bell, S. Haydock, G. R. Stahton, T. Sandford (Newtownards), A. M. Gamble, W. J. Gibson, A. W. Stevenson, J. Gordon, F. Lindsay, R. Talbot, — Gordon, and S. Nevin (hon. secretary). After tea, the President, Mr. Storey, extended a cordial welcome to the guests, and referred sympathetically to the death of the wife of Mr. Samuel McDowell. He then conveyed the greetings of the Dublin and Provincial Association to the Assembly. There had been talk, he said, of closer co-operation all over Ireland among chemists and druggists. At the Dublin Association dinner various matters had been discussed with the Dublin pharmacists, and he assured his audience that the support and sympathy received augured well for the future of the trade. A programme of songs and games was gone through. Vocal items were contributed by Mrs. Abernethy, Miss Ferris, Mr. Breakey, and Mr. Fawcett, while Mr. S. Haydock had charge of the games. The proceedings were brought to a close with the singing of "Auld Lang Syne" and the National Anthem.

A Post-Conference Dinner.

Mr. William P. Evans, chairman of the local committee at the British Pharmaceutical Conference of last July, was the host at a very successful complimentary dinner to the members of the various B.P.C. committees, held at Exchange Station Hotel, Liverpool, on November 17. The menu and programme handed to each guest is quite a work of art, printed in brown and gold, and bound with ribbon. The design of the cover includes the arms of Liverpool, Birkenhead, Wallasey, Southport, and Bootle, these being the towns whose representatives took an active part in the entertainment of the Conference. There is also depicted a ship in full sail, symbolising commerce, together with the familiar mortar and pestle, emblematical of pharmacy. More than a hundred ladies and gentlemen were present. After the dinner, which was served in excellent style, the host made a speech of welcome and retrospect. Mr. William Evans said that he rejoiced at being

honoured by the presence of so many who had promoted that record Conference. A Glasgow delegate had informed him that he had had the time of his life, and wished it had been extended to a fortnight. (Laughter and applause.) A leading Liverpool pharmacist had sent two bank-notes as a subscription. Mr. Evans announced the receipt of apologies for absence from Mr. E. Saville Peck (President of the British Pharmaceutical Conference), Mr. William Kirkby (Past-President), Mr. L. Moreton Parry, Mr. George Whitfield, Scarborough, and others. He was glad to see present with them the ex-Lord Mayor of Liverpool, whose reception of the Conference proved the foundation of its success; Dr. Adami, Vice-Chancellor of Liverpool University, whose speech at the Conference dinner would long be remembered; and Mr. Henry Peet, whose reading of the lesson at the Conference service—a service suggested by a member of the Reception Committee—was a revelation. It might be another quarter of a century before the Conference revisited Liverpool, but when it did young pharmacists should consult journals and programmes filed at the Royal Institution and emulate this year's success. Scarborough had a big task for next year, and Nottingham, which would entertain the Conference a few years hence, would likewise find that Liverpool had set a mark difficult to reach. In concluding, Mr. Evans thanked the Southport pharmacists, some of whom were present, for the splendid finish given to the Conference. After a flashlight photograph of the company had been taken, Mr. David H. Evans made a presentation to the host of the evening of a silver cigarette-case and a silver cigarette-case, both suitably inscribed. Dr. Symes, senior vice-chairman of the Reception Committee, and Mr. Harold Wyatt, J.P., added a few sentences of appreciation. The health of Mr. and Mrs. William P. Evans was given with musical honours. In reply, Mr. Evans said that no captain ever had a better crew than he, and the silver would occupy a place of honour on his table. Mrs. Evans gracefully thanked the company, in addition, for the kind things said. The ex-Lord Mayor (Mr. Barton W. Eills), in acknowledging the evening's entertainment, referred to the pleasure it gave him to hold the Conference reception. The Vice-Chancellor of the University added his congratulations to the host of the company, remarking that both the University and the city had found the Conference very interesting.

'Leeds Chemists' Dinner.

THE annual dinner of the Leeds Chemists' Association took place on November 10 at the Hôtel Métropole. The President (Mr. H. Gilleghan) presided over a gathering of nearly a hundred persons, and the chief guests were Mr. E. T. Neathercoat, President of the Pharmaceutical Society, and Councillor Leslie Owen, chairman of the Leeds Education Committee. The loyal toast was accorded musical honours. Mr. N. N. Armitage proposed "The Pharmaceutical Society." After outlining some of the work of the Society, Mr. Armitage agreed with the element of secrecy which sometimes has to be preserved in the work of the Pharmaceutical Council until a matter is ripe for publication. He said they would all agree that the Proprietary Medicines Bill is full of injustice to the chemist at present, but the Society is alive to the position, and he (Mr. Armitage) felt confidence in its ability to gain justice in this matter as in the Dangerous Drugs Act. Mr. Neathercoat, responding, paid tribute to the loyalty of the Leeds Association, and spoke at length on the Proprietary Medicines Bill. Some chemists, he said, are under a mistaken impression as to the position of known, admitted, and approved remedies. The Bill shows clearly that such preparations, if the conditions of exemption from stamp-duty are observed, are not affected. Referring to the recent test case, Mr. Neathercoat said a committee on the matter is still sitting, so he could not give any definite statement as to the Society's future policy. Probably the result will be that both the professional and trade phases of the chemist's business will receive fuller and better treatment than ever before. It was to be hoped that local Associations and individuals will approach the new position in a generous

and broad spirit, and that nothing will be permitted to divide the ranks of chemists or set one section against another. He hoped chemists will wait for the lead which the Society will give shortly. Mr. R. Broadhead, of Batley, submitted "The North-Eastern Federation," and said he believed such federations have a great scope before them. Area federations, he thought, should be branches of the Society, with full administrative powers within their own area. During his thirty years' experience of pharmaceutical politics all legislation affecting chemists, either directly or indirectly, with the exception of the Insurance Act, has seemed to have something in it detrimental to chemists. In the present Proprietary Medicines Bill the Government seems to be trying to remedy the effect rather than the cause. Chemists must remember that people other than themselves are organised, some of whom are trying to reap where they have not sown. There were even now attempts being made to increase the action of the much-discussed by-law: certain sections of the Apothecaries' Hall dispensers think the register has been opened to the wrong persons. It needs the very serious attention of every member of the Society to these little things, which crop up and which gradually work into something bigger, by which public opinion is alienated from the chemist. Mr. F. Pilkington Sargeant, as President of the Federation, responded, and concluded by appealing for contributions to the Harrison Memorial Fund, which he said had been rather neglected in the West Riding. Mr. Gilleghan, in opening a list of donations to that fund by a contribution of 11. 1s. immediately, said the matter had been deferred. The time has now arrived when Leeds must do its share, and he hoped contributions would be handed to Mr. Haslegrave, the hon. secretary, quickly, as the fund is to close shortly. On the proposal of Mr. J. H. Beacock, the gathering drank the toast of "The Guests," to which Councillor Leslie Owen, chairman of the Leeds Education Committee, replied. Mr. H. B. Billington, Barnsley, submitted "The Leeds Chemists' Association," which was responded to by the chairman. A programme of music was provided by Mr. F. C. Senior (baritone), Mr. P. Dobson (violin soloist), and Mr. E. E. Haslegrave (accompanist).

West London Pharmacists' Dinner.

The ticket of invitation to the annual dinner of the Western Pharmacists' Association, which was held in the Throne Room of the Holborn Restaurant, W.C., on November 17, conveyed a reminder that the Association is just thirty years of age. At the first dinner of the Association, a conjoint feast given with the assistance of the North and North-Western Chemists' Associations of the day, eighty-three persons forgathered (and someone, no doubt, religiously counted them); the number present at this year's function was about twice as large, and included a higher proportion of ladies than pharmacists' dinners usually attract. Mr. H. S. Watson (President) and Mrs. Watson received the company with a genial welcome for each arrival that ensured the success of the evening in advance. Supporting the President at the top table were Mr. E. T. Neathercoat (President of the Pharmaceutical Society of Great Britain), Dr. J. H. Dixon, Mr. W. J. Uglow Woolcock, M.P., Sir William Glyn-Jones, Mr. Alfred Higgs, Mr. John Humphrey, Mr. A. R. Keith, Mr. Herbert Skinner, Mr. E. White, and the secretaries of the British Pharmaceutical Conference (Mr. R. R. Bennett and Mr. C. H. Hampshire). The spur tables were in charge of Messrs. J. P. Ellerington, G. A. Tocher, C. A. Noble, W. E. D. Shirliff, H. R. Procter, B. R. Wilkinson, and H. Martin; and among other well-known people present we noticed Messrs. C. T. Allen, A. R. Arrowsmith (The Apollinaris Co., Ltd.), J. Boyes (Evans Sons Lescher & Webb, Ltd.), W. Browne, William Chalmers, Lionel Cooper, F. W. Gamble, Roger M. Harvey (The British Drug Houses, Ltd.), S. Jamieson (The William Browning Co., Ltd.), A. H. Jenkin, John Keall, T. Edward Lescher, T. Marns, A. R. Melhuish, J. A. Saunders (Willows, Francis, Butler & Thompson, Ltd.), and J. Widgey. The loyal toast and an instalment of a light and amusing musical programme followed the necessary business of dining, and ushered in the speeches. An interval of convenient length was announced by the

President at exactly the psychological moment, and afforded opportunities for informal receptions and the exchanges of repartee. The speech-making was on a distinctly higher level than most that graces such functions and—possibly because of the interesting possibilities latent in pharmaceutical statecraft—had a *verve* that is often lacking. Mr. C. A. Noble led the toast-giving with "The Pharmaceutical Society," which he found it in him to praise in spite, as he explained, of the rising subscription. He threw out the suggestion that a pharmacy club might be instituted to which country members could be invited, and cordially praised Mr. Neathercoat, the Society's President, for his devotion to his work. Mr. Neathercoat, in reply, was diplomatically hopeful of the prospects of pharmacy. In spite of all judgments, arbitrary or otherwise, he declared, he came before the gathering in good heart. It was clear that the Pharmaceutical Society cannot act as a trade union, and there are business interests that will have to be looked after by a body entirely outside the Society. To a sound trade organisation the Society would hand over various functions, but it would have to be satisfied that such an organisation would fulfil the necessary conditions. A great responsibility rested on the leaders of the Pharmaceutical Society: never had there been such a difficult period in its long history. The next toast, "The Western Pharmacists' Association," was given in a delightful speech by Dr. J. H. Dixon, who characterised it as the toast of the evening. Patients, he said, paid him to be serious sometimes. (Laughter.) The welfare of the British public was heard of a good deal, but there was also the welfare of the pharmacist: pharmacists must stick together and support their institutions. Doctors in America were mainly engaged in prescribing C_2H_6O . (Laughter.) Lord Dawson had predicted health reforms which might cost 5l. or 50,000,000l.; but were we justified in spending big sums? He (the speaker) was not sure how far the Proprietary Medicines Bill was sound. Doctors' dispensing and chemists' prescribing were indefensible in large towns. Doctors had an advantage, in collaborating with chemists, in the correction of slips. If we put ourselves on a pedestal and said that we were "It," we should soon find out our mistake. He was receiving advertisements of enemy preparations, but he did not feel called upon to accept them. The pharmacists of Great Britain could provide these remedies. (Applause.) The President replied in a few sincere sentences, and, with characteristic humour, called upon the general secretary (Mr. B. R. Wilkinson) to make a further acknowledgment on his own behalf and that of Mr. Harry Martin. Mr. Wilkinson scored heavily in his brief reply. The final toast, "The Visitors," was given by Mr. Shirliff in a topically amusing and effective speech, and was acknowledged by Mr. W. J. Uglow Woolcock, M.P., who incidentally turned the edge of an ill-conceived interruption with consummate neatness. After thanking the gathering on behalf of the ladies and those "quite erroneously called the sterner sex," he drew attention to the coincidence that Mr. Neathercoat and himself had been brought up under "the strict ruling" of Mr. Alfred Higgs, J.P., who was also present at the dinner. No better "curtain line" for what the President described as a family gathering could have been found than Mr. Woolcock's richly humorous account of an ardent discussion that took place somewhere in the Thames Valley years ago.

SCHOLARSHIPS IN DENTISTRY.—A scheme which provides scholarships in dentistry for elementary school children is to be put in operation at Walsall. The winners will spend half their time at Birmingham University and the other half working under the supervision of the school dentist, Mr. H. N. Grove, who is also a registered chemist and druggist.

DECENTRALISATION FORESHADOWED.—In a recent issue of the "Hornsey Journal," a leading article is devoted to a speech of Sir William Glyn-Jones containing a hint of the possibility of five autonomous administrative areas being formed from the county of Middlesex. It may be presumed that this process would not end with Middlesex, and the "Hornsey Journal" suggests that the speech is to be regarded as "a kite flown."

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

THE DYE INDUSTRY.

The Prime Minister announced in the House of Commons on November 11 that a Bill to give protection to the dye-manufacturing industry would be introduced at the earliest possible moment next session. Further questions were asked on November 15, when the Prime Minister stated that the House will be asked to honour the pledges given by the Government when the British Dyestuffs Corporation was founded.

MINISTRY OF HEALTH (MISCELLANEOUS PROVISIONS) BILL.

The House of Commons has at last taken a stand against the extravagances of the Ministry of Health, and as a consequence on November 15 the Government announced that many of the clauses of the Ministry of Health (Miscellaneous Provisions) Bill would be dropped if the Committee so decided. Among them is Clause 12, which deals with the sale of clinical thermometers (*C. & D.*, October 30, p. 76).

THE EXPORT OF NAPHTHALENE.

Sir R. Horne, on November 15, stated that the export of naphthalene, except under licence, is prohibited under the provision contained in the Customs and Inland Revenue Act, 1879, the Exportation of Arms Act, 1900, the Customs (Exportation Prohibition) Act, 1914. Powers were taken to restrict the export of naphthalene in the past, in order to conserve supplies for use in dyestuffs in the United Kingdom, but there is now a surplus available for export, and licences have been freely granted for some weeks.

BRITISH DYES.

Sir P. Lloyd-Greame on November 9, in reply to a question, said he was aware that the British Dyestuffs Corporation is not at present, and is not likely to be for some considerable time, in a position to produce the whole range of dyestuffs required by the textile industries of this country, but in view of all the obstacles which have to be overcome he did not think there is ground for dissatisfaction with the progress that has been made. He was aware that there have been some internal difficulties of a character not uncommon in the early stages of a large combination, but he was satisfied that every effort is being made by the directors to remove the difficulties in question.

CHEMICAL WARFARE.

The Prime Minister, on November 15, stated that the whole subject of chemical warfare has been under careful consideration by the Cabinet during the past year. It was decided on March 4 that the question should be raised at the Council of the League of Nations. It is, he said, obvious to the House that this is a question on which our action must depend on that of other nations. It was realised, therefore, that, as other countries have been continuing to develop this method of warfare, the safety of our fighting services would be seriously jeopardised by lack of similar development in this country, and it was decided on May 12 that, pending a pronouncement on the subject by the League, the fighting services should continue their researches and experiments. The War Office Committee has been constituted as part of the organisation necessary for the continuation of these studies. The whole subject will have to be reconsidered when the Council of the League of Nations has made its pronouncement.

APOTHECARIES' ASSISTANTS BY-LAW.

Mr. Crooks, on November 11, asked the Minister of Health whether he is aware that the by-law made by the Council of the Pharmaceutical Society, and approved by the Privy Council in February 1920, in pursuance of Section 4 (b) of the Poisons and Pharmacy Act, 1908, deprives all persons holding the assistant's certificate of the Society of Apothecaries who have served with His Majesty's Forces during the late war from being registered as chemists and druggists, and restricts registration to persons who have been continuously employed in a strictly

limited number of institutions and so deprives many fully-qualified persons from registration, contrary to the express intentions of the 1908 Act; and whether he will request the Council of the Pharmaceutical Society to amend their by-law so as to provide for the registration as chemists and druggists of all the assistants of the Society of Apothecaries who held certificates at the time of the passing of the Poisons and Pharmacy Act, 1908, provided that they have been engaged in dispensing for a reasonable period, not necessarily continuous, since 1908, so as to admit of the registration of ex-Service men.

Mr. Balfour replied: The by-law in question aims at meeting an old complaint of the certified assistants to apothecaries against the Pharmaceutical Society, and was accepted as a fair compromise by the Society and the Association of Certified Assistants. There is no power to induce the Society to go further on the road of concession.

Bankruptcy Report.

Re Felice Bonaventura & Co. (Felice Adolfo Bonaventura, Hugh Edward Aveline, and Edward Harrison), trading as chemical merchants, 24 Great Tower Street, London, E.C.—The first meeting of creditors under this failure was held on November 12 at the London Bankruptcy Court, when accounts were presented showing total liabilities 17,480*l.* 2*s.* 6*d.*, of which 14,743*l.* 17*s.* 6*d.* is expected to rank against net assets valued at 148*l.* 10*s.* 9*d.*, after deducting 144*l.* for payment of the preferential claims. The receiving order was made on October 27, upon the debtors' own petition. According to the statements of the debtors when before the examiner, the debtor Bonaventura was employed by his father's firm in Italy until July 1906, when he came to this country and commenced business on his own account at 10 Philpot Lane, E.C., as a fruit importer. He had no capital, but required none, as he sold goods sent over on consignment from Italy and deducted his commission. He took the debtor Aveline into partnership in 1912, and that gentleman provided a capital of 1,050*l.*, with the aid of which the business was considerably extended. Shortly afterwards they removed to St. Mary-at-Hill, and subsequently to 98 Great Tower Street. In February 1913 they employed the debtor Harrison as a chemist, and he supervised a branch dealing in chemicals, drugs, and essential oils, the arrangement being that he should receive one-third of the profits and provide a capital of 1,000*l.* The business was successful until the outbreak of war, when it came more or less to a standstill. In 1916 the debtors took premises at Stratford and put down machinery for the manufacture of lanoline. About that time they took Mr. Harrison into partnership. The branch at Stratford cost about 3,000*l.* for machinery and fittings, and it was carried on at a loss of 2,000*l.* until 1919, when it was closed, and the machinery sold for 620*l.* The other branch of the business was quite successful till August 1918, but since then had been carried on at a heavy loss, with the result that, acting on the advice of creditors, the debtors filed their petition. A resolution was passed for Mr. A. H. Partridge, accountant, 3 Warwick Court, W.C., to act as trustee and administer the estate in bankruptcy.

DENTAL HINTS.—Frequent brushing of the gums in order to harden them against the attacks of germs, and as a preventive of pyorrhœa and dental decay, was advocated by Sir Harry Baldwin, L.D.S., in a recent lecture. Our diet, he held, should consist of hard food whenever possible. Tea with bread and butter depressed the secretions of the salivary glands, but this depression could be neutralised by finishing the meal with fruit.

SIR WILLIAM COLLINS writes to "The Times" that there can be no doubt that the world production of opium, morphia, and cocaine has been and is vastly in excess of any conceivable legitimate or medical use thereof, and it is to be hoped that the Assembly of the League of Nations may take prompt steps to secure universal legislation, similar to that recently passed here, as well as international co-operation in making such legislation effective.

Insurance Act Dispensing.

A Record of matters concerning Chemists' interests in the National Health Insurance Acts.

Reports from Local Centres.

ENGLAND.

Essex.—A meeting of the Pharmaceutical Committee was held on November 9, Mr. England (chairman) presiding. The proposed new terms for Insurance dispensing were fully discussed, and although several members questioned the likelihood of the new terms showing an increased remuneration of 20 to 25 per cent., it was decided to agree, on the understanding that the various clauses were accepted *en bloc*. The reports of the Checking Bureau, which continue to show a satisfactory uniformity in the pricing, were accepted.

Preston.—At a meeting of the Insurance Committee, on November 10, the late chairman (Mr. W. L. Holland) was presented with a framed illuminated copy of a resolution recording "most hearty thanks" for the manner in which he has discharged the various duties of his office as chairman during the past eight years. The presentation was made by Mr. Wilson.

Sheffield.—The first meeting of the Joint Service Sub-Committee was held recently, at which Councillor Sivil presided. A complaint had been made against the doctor (who was surcharged) and a chemist for filling in the quantities of dressing omitted by the doctor. The result of the inquiry will be notified to the Insurance Committee.

West Ham.—At a meeting of the Insurance Committee held recently Dr. F. H. Dayns presiding, a report was presented from the Joint Services Sub-Committee, which had been considering a complaint made by a trade union that the present hours of chemists were detrimental to the general health of the public. The Committee said that they were of the opinion that insured persons were caused a great deal of inconvenience. They thought it would be best to refer the matter to the Medical Benefit Sub-Committee for them to consider the hours of pharmaceutical service. Mr. Potter brought forward an amendment that the question of hours of both the medical and pharmaceutical services be reviewed by the Medical Benefit Sub-Committee, after having had a consultation with the Panel and Pharmaceutical Committees. It was his contention that the Committee was not particularly interested with reference to either the pharmacists or the medical profession, but with the betterment of any possible conditions for the insured sick persons. He thought the commonsense view that would be accepted by most was that the patients should be in every way encouraged to go to their doctor as early as possible. The amendment was opposed by Mr. A. J. Palmer. Mr. Potter, he said, seemed to desire the hours shortened. So far as he was concerned, he would lengthen the hours of both the doctor and the chemist. The point really is, who is making money out of the Act? Could anyone seriously contend it was the panel patients. Certainly not; but they were paying for a service they had a right to expect. The amendment was lost, and the report was adopted.

Worcestershire.—A meeting of the Pharmaceutical Committee was held at Worcester on November 11, Mr. W. Corbett (Bromsgrove) in the chair. A report of the Pharmaceutical Services Sub-Committee, referring to complaints by a panel practitioner and an insured person, showed that the panel practitioner had withdrawn his complaint and apologised. The complaint of the insured person ended satisfactorily for the chemist concerned. Mr. S. S. Taylor, Redditch, has tendered his resignation from the Committee. With regard to malarial clinics, it was not deemed necessary specially to circularise chemists, as full particulars of the terms and conditions of contract had been published. The Committee had accepted service for the area, and had agreed also that the Droitwich chemists supply the Oaklands Hospital. Prescriptions should be sent by the 4th of each month to the South-Eastern Pricing Office, 25 Cedars Road, Clapham, London,

S.W.4. The Local Associations Executive circular dealing with the proposed scale of fees for 1921 was considered. On the whole, the proposed terms were found unsatisfactory, and the secretary was instructed to convey the Committee's opinion to the Local Associations Executive. Checkers' reports were submitted, and no further check deemed necessary. The secretary was authorised to settle all outstanding accounts and close the books on December 31.

South African News.

(From "C. & D." Correspondents.)

"The Chemist and Druggist" is supplied weekly to members of all the Chemists' Societies in South Africa.

The Union.

ACCORDING to the latest estimates, the cost of living in South Africa has increased 86 per cent. since 1914.

Cape Province.

CHEMISTS' ASSISTANTS' WAGES.—Under the pen-name of "Castor Oil," a correspondent writes a piquant letter to the "Cape Times," in the course of which he says: "The Chemists' Employees' Association held a meeting to discuss what steps they should take to have their claims to an increase of wages recognised. The Association had previously written to the 'heads' of the largest wholesale firms asking them to meet their executive at a round-table conference, with a view to amicably discussing the matter. The replies were of such a nature that the Society was reluctantly obliged to ask for a wages board. The public will be treated to something new in the wages line in this connection. They will marvel how the girl in the packing-room lives on her 12s. per week, or how the well-groomed assistant with a wife and family exists on 20l. per month."

OPPOSITION TO NEW LICENCES.—At the monthly meeting of the Cape Town Chamber of Commerce, held at the African Life Buildings on September 1, the resolutions to be submitted to the annual congress of the Association of Chambers of Commerce of South Africa at Port Elizabeth were adopted. They included the following:

Apprenticeship.—That this Congress, realising the expansion of South African commerce and industries, and the opportunity afforded the youth of the country, is impressed with the necessity of creating a greater appreciation of apprenticeship to trade and industries, and respectfully requests the Government to institute investigations as to means likely to achieve the object in view.

Codification Laws.—That this Congress presses upon the Government the urgent necessity of introducing into Parliament at its next session measures providing for (a) codification of the company law; (b) the unification of weights and measures in the Union.

Provincial Taxation.—(a) This Congress records its protest against the increasing use being made by Provincial Councils of licences as a means of raising revenue for the general purposes of the Councils; it regards such taxation as unsound in principle, unfair in its incidence, and as imposing an unjust differentiation on traders in one Province as compared with traders in another. (b) This Congress again protests against the unfair incidence of taxation based on turnover.

Licences.—(1) This Congress again records its protest against the delay in making uniform throughout the Union of licences in respect of which the Union Parliament can legislate. (2) It again further urges Government to pass legislation equalising trading licences throughout the Union and reaffirms its opinion that, to secure uniformity, trading licences should be under the control of the Union Parliament, although the revenue derived from them need not necessarily be diverted from the present recipients.

Profiteering Act.—This Congress protests against the extraordinary omission from the Profiteering Act of a clear definition of "unreasonable profit," and this notwithstanding the fact that widespread and urgent representations were made by the mercantile community for the necessity of such a definition, and, furthermore, considers the omission so serious as to jeopardise the effective working of the Act.

Pharmaceutical Society of Great Britain.

Council-meeting.

A MEETING of the Council was held in London on November 17, when the evidence given in the Greenwood trial relating to the drugs which it is alleged had caused Mrs. Greenwood's death was considered. We are informed that the following resolutions were passed:

1. That the Council desires to draw the attention of the Government to the following circumstances, as disclosed in the recent trial, attending the death of the late Mrs. Greenwood.

(1) That the doctor who attended Mrs. Greenwood and certified her death and its cause had during her illness prescribed and himself dispensed certain medicines, including a scheduled poison.

(2) That at the trial, months after her death, the prosecution sought to establish that Mrs. Greenwood died from arsenic administered to her with the intention of causing her death by Mr. Greenwood, and that the source of the arsenic was a poisonous weed-killer which it was admitted Mr. Greenwood used in his garden.

(3) That the defence, amongst other points, submitted that arsenic was not the cause of death, and suggested that the arsenic found in the body might be accounted for by a mistake in dispensing by the doctor in supplying a medicine containing arsenic for one which he intended to supply containing bismuth, and it was part of the case for the defence that the deceased woman died from an overdose of morphia administered in two pills supplied by the doctor.

(4) That the doctor swore that he had made no mistake in the mixture, and that although he had earlier in the proceedings stated that he had supplied $\frac{1}{2}$ grain morphia pills, what he had in fact supplied were $\frac{1}{2}$ grain opium pills.

(5) That the question of what medicines were taken by Mrs. Greenwood depended entirely on the evidence of the doctor, and he was unable to produce any records made at the time of what he had in fact supplied.

2. That in the opinion of the Council—

(a) The case provides striking evidence of the wisdom of compulsorily separating the functions of prescribing and dispensing in this country as has been done abroad.

(b) The points in doubt in this case, and upon which the verdict in a murder trial depended, would not have arisen if the medicines had been dispensed by a third party and the records required under the provisions of the Pharmacy Acts had been made.

(c) The case also provides additional evidence for investigating the dangers pertaining to the use of arsenical weed-killers, and the Council respectfully suggest to the Government the advisability of appointing a committee to inquire as to what changes, if any, are necessary in—

(1) The law relating to the prescribing and dispensing of medicines.

(2) The supply and use of poisonous weed-killers.

Copies of these resolutions are to be sent to the Privy Council, the Minister of Health, and the Home Secretary.

The report of the Sub-Committee appointed to consider the result of the Test Case on the organisation of the Society was also received. This report, which reaches us too late for insertion in this issue, recommends a working arrangement to be considered between the Local Associations Executive, the Chemists' Defence Association, and the Proprietary Articles Trade Association, the governing bodies to consist of the same persons.

A POST-WAR WAGE.—A case is reported from Dudley of an errand-boy, aged sixteen, who remained unemployed for five months because he would not accept less than 35s. a week.

PICKING UP THE CRUMBS.—The Greenwood trial, with its copious discussion of arsenical poisoning, has left the lay Press little but the scraps of that subject wherewith to manufacture sensational *ad hoc* articles. The "Daily News," however, has turned on its medical correspondent with a reference to "the scarlet berries of the Deadly Nightshade," and a definition of "poison" as referring to "a group of chemical substances which, when taken in small quantities, interfere with bodily health." It was the same paper, by the way, which lately reported some remarks of an alleged "Professor Toddy."

Personalities.

COUNCILLOR C. A. CRITCHLEY, Ph.C., Blackburn, has been appointed to serve on eight committees of the town council.

MR. W. ADAMS, Ph.C., High Street, and Mr. W. G. CROSS, Ph.C., Mardol, Shrewsbury, have been elected aldermen of the corporation.

MR. ALBERT H. HALE, chemist and druggist, Broadstairs, has been appointed a principal of the newly consecrated Bradstow Chapter of Masons.

FRANK LIVESEY, the thirteen-year-old son of Mr. T. W. Livesey, chemist and optician, 36 Grimshaw Park, Blackburn, has obtained a John Lund scholarship at Blackburn Grammar School.

COUNCILLOR J. S. SNELL, chemist and druggist, Accrington, has been chosen as chairman of the baths committee and appointed to serve on five other committees of the borough corporation.

MR. DAVID A. EVANS, pharmacist, President of the Bath Chamber of Commerce, represented that body as delegate at the recent quarterly meeting of the associated chambers held in London.

THE Worshipful Company of Spectacle Makers, on November 17, elected Alderman Sir Charles Wakefield, Viscount Hill, and Mr. C. Sebag Montefiore, Master, upper warden, and renter warden respectively for the ensuing year.

MR. D. J. WILLIAMS, the North Wales representative of Ayrton, Saunders & Co., Ltd., Liverpool, was installed W.M. of the Prince of Wales Lodge, 1035, at the Bear's Paw, Liverpool, on November 11. Upwards of 200 were present, including three Grand and twenty-three Provincial Grand Lodge officers.

MR. FLETCHER WATERHOUSE, Gaythorne Road, Bradford, and MR. HARRY WATERHOUSE, chemist, St. Ann's Road, London, N. 15, request us to express their indebtedness to the many friends who have expressed sympathy with them on the sudden death of Mr. Ernest Waterhouse (C. & D., November 15, p. 60).

MR. GEORGE WHITFIELD, Ph.C., Scarborough, has been interviewed on behalf of two Scarborough newspapers concerning his American tour. It may be remembered that a C. & D. representative intercepted Mr. Whitfield at Liverpool on his way home (C. & D., November 6, p. 66), and recorded his impressions.

MR. EDWARD D. GLOVER, of the staff of W. H. Richardson & Co., Ltd., chemists, 40 Tong Road, New Wortley, Leeds, has been appointed ambulance officer of the St. John's Ambulance Brigade, Arnsley and Wortley Division. Mr. Glover became intimately acquainted with ambulance work in a local military hospital during the war, and has found the knowledge very useful.

MR. C. E. GARDNER, who has been elected High Sheriff of Gloucester, is the chairman of W. Gardner & Sons (Gloucester), Ltd., manufacturers of sifting and mixing machinery. Mr. Gardner was born and educated in Gloucester, and has a long record of public service, having been a councillor for ten years and a justice of the peace since 1914. He is interested in bowls and golf, and is a member of the local rotary club.

MR. W. F. CHARLES, chemist and druggist, a director of Zenobia, Ltd., who, as recorded in our last issue, has been re-elected Mayor of Loughborough, is not only officiating in this capacity for the second year in succession, but is also serving for the eighth time as chairman of the gas committee of the town council. Through the introduction of appliances suggested by Mr. Charles, the borough saved 4,000 tons of coal last year, as well as a considerable sum in manipulation; and, incidentally, the price of Loughborough's gas was never raised throughout the war. Mr. Charles is restricting his public activities in some directions in order to devote himself more fully to those of local scope, one of which is connected with the general committee of the Leicestershire Isolation Hospital.

Birth.

HAYLLAR.—At 35 High Street, Hoddesdon, on November 11, the wife of H. F. Hayllar, M.P.S., of a daughter.

Marriages.

FARHI—TRAVIS.—At the Withington Synagogue, Manchester, on November 9, Emile Farhi, of Emile Farhi & Co., wholesale druggists, Cairo, to Iris, only daughter of Mr. B. T. Travis, Buxton.

HANDS—BOULTER.—At All Saints' Church, Woodford Green, Essex, on November 9, John V. Hands, chemist and druggist, Nuneaton, to May, youngest daughter of Mr. G. W. Boulter, Woodford Green.

LEIGHTON—BEMBRIDGE.—At Norton Lees Church, Sheffield, on November 11, by the Rev. Canon Odom, assisted by the vicar (the Rev. F. W. Barstow), George Frederick Leighton, M.P.S., Glossop Road, only son of Mr. G. H. Leighton, Kingthorpe, Brook Road, to Edith Ellen, fourth daughter of Mr. Emmanuel Bembridge, The Fall, East Ardesley, Wakefield. Mr. G. F. Godson, President of the Nottingham Pharmaceutical Association, acted as best man.

Deaths.

DORNING.—On November 5, Mr. Herbert Rigby Dorning, chemist and druggist, 8 Pall Mall, Chorley, Lancs, aged fifty-nine. Mr. Dorning had been in business in Chorley for upwards of thirty years. He had not enjoyed good health for some time past, and underwent an operation recently. Mr. Dorning was of a retiring disposition, and did not take any prominent part in public life. He was a clever amateur photographer, and for many years was President and secretary of the Chorley Amateur Photographic Society.

FROST.—At his residence, 28 Ashbourne Road, Derby, on November 14, Mr. George Frost, J.P., Ph.C., aged eighty-four. Mr. Frost passed the Major examination in 1861. He was in business in Derby for many years, latterly in partnership with Mr. J. A. Cope, Ph.C., by whom the pharmacy has been continued since his retirement. He was a borough magistrate for twenty-one years, and rendered useful service to many local public institutions. Mr. Frost, who was twice married, is survived by three sons and three daughters.

HINDLE.—At Blackburn, Lancashire, on November 14, Mr. Henry Hindle, chemist and druggist, aged eighty-four. Mr. Hindle, who was a native of Tockholes, served his apprenticeship in Blackburn, and subsequently opened in business on his own account. He took an active part in the management of his King Street branch till about five years ago, when failing health necessitated a less strenuous life. Mr. Hindle was a well-known member of the North-East Lancashire Chemists' Association, and served for nine years on the Blackburn town council and board of guardians. He had been associated with Freemasonry from his youth, and had held office in more than one lodge. Two sons and a daughter survive him.

McDOWELL.—On November 8, suddenly, the wife of Mr. Samuel McDowell, R.D., a past-President of the Chemists' and Druggists' Society of Ireland, 209 Shankill Road, Belfast. Mrs. McDowell took an active part in the social functions of the Society for some years, and gained the esteem of a wide circle. The trade was largely represented at the funeral, which took place at Castlereagh on November 10.

NAYSMITH.—At his residence, 156 High Street, Arbroath, on November 15, after a lengthy illness, Mr. Andrew Naysmith, retired chemist and druggist, aged sixty-three. Mr. Naysmith served his apprenticeship to the late Mr. D. H. Burn, Arbroath, and qualified, after studying at the South London School of Pharmacy, in 1879. After some experience with Savory & Moore, Ltd.,

London, W., he established himself in business at Arbroath. In 1911 he sold his business to Boots, Ltd., and retired. Shortly afterwards he had the interesting experience of forming a member of a research expedition which cruised in the Far South. Mr. Naysmith was an enthusiastic lover of animals and a prominent Freemason. He is survived by a widow.

PEAT.—At 25 Preston Road, North Shields, on October 26, Mr. Joseph Peat, chemist and druggist, aged sixty-one.

STEDMAN.—At Ashford, Kent, on November 12, suddenly, Mr. Frank William Stedman, chemist and druggist, 76 High Street, aged sixty. Mr. Stedman was apprenticed at Cirencester, and, after gaining further experience, qualified in 1888; he shortly afterwards succeeded his father in business at Ashford. He was a man of genial disposition, and made a host of friends in the town and neighbourhood. During the war he did the whole of the dispensing for a local V.A.D. hospital. Mr. Stedman was a keen botanist, and was known throughout the southern counties as an authority on British orchids, his name being especially associated with the rediscovery of an orchid long believed to be extinct in the British Isles. At the funeral, which took place at Ashford on November 15, there was a large and representative gathering. The local chemists were represented by Mr. J. Ingall, Mr. A. E. White, and Mr. J. J. Taylor. The coffin was covered with the St. John Ambulance flag, and members of the local division of the Ambulance Brigade followed. Mr. Stedman leaves a widow and a son.

WATSON.—At 16 St. Mary's Road, London, W. 11, on November 12, of pneumonia, Mr. Thomas Donald Watson, F.C.S., aged eighty-one. Mr. Watson was connected with Johnson & Sons (Manufacturing Chemists), Ltd., Cross Street, Finsbury, E.C., for thirty-five years, and had latterly been secretary of the Formalin Hygienic Co., Ltd., Lloyd's Avenue, E.C. He was elected a Fellow of the Chemical Society in 1883.

Wills.

COLONEL RICHARD GEORGE GREGSON ELLIS. Ruthin, director of R. Ellis & Son, Ltd., mineral-water manufacturers, who died on August 27, left estate of the gross value of 16,297l. 9s. 10d., with net personalty 15,997l. 2s. 8d. Among the bequests is 50l. to Robert Owen Jones if in the employ of R. Ellis & Son, Ltd., at his death or in receipt of a pension therefrom.

MR. CALEB KILNER, J.P., Ivanhoe Lodge, Conisborough, chairman of Kilner Bros., Ltd., glass-bottle manufacturers, whose death took place on February 29, left a fortune of the value of 142,034l. 17s. 6d., of which 108,094l. 18s. 6d. is net personalty. Among the bequests are 150l. each to George Bateson and Albert Edward Bateson, glassworks managers, and Charles Reasbeck, traveller, and 50l. each to Arthur Hammond, clerk, and Frank Lowther, traveller.

MR. GEORGE HENRY MORGAN, chemist and druggist, Wem, Salop, who died on July 27, left estate of the gross value of 43,119l. 15s., of which 24,687l. 15s. 6d. is net personalty. Probate of his will has been granted to his sons, Mr. Ernest Harper Morgan, chemist, Wem; Mr. Percy George Morgan, chemist, Whitechurch; and Mr. Wilfred Henry Morgan, Whitechurch. The testator left, among other bequests, 4,000l. War Loan to his son Wilfred, his business as a chemist and grocer at Whitechurch to his son Percy, his business at Wem to his son Ernest, and to him he also left his residence, Rose Villa, Wem, and certain other real estate in Wem. The residue of his property he left upon trust for the maintenance of his wife for life, and subject thereto to his children in equal shares.

AN "EFFICIENCY EXHIBITION" is to be held at Olympia, London, W., in February 1921, under the auspices of "The Daily Mail," for the purpose of demonstrating means by which a higher standard of efficiency can be attained in public and private life.

Trade Notes.

NORWEGIAN BOTTLES are advertised in this issue by the Nerliems Kemisk-Tekniske Aktieselskap, Christiania.

BIDWELLS, LTD., Axminster, are offering 12½ parcels of assorted hair brushes suitable for Christmas and New-year trade.

IGLODINE PRICES.—Revised prices for Iglodine preparations are given in the advertisement of the Iglodine Co., Ltd., Newcastle-on-Tyne.

BORAX CONSOLIDATED, LTD.—The telephone numbers of the head office, 16 Eastcheap, London, E.C. 3, are now Avenue 8427 (three lines) and Central 13717.

HOWARD'S ASPIRIN TABLETS.—A special window-show bonus of aspirin tablets is offered by Howards & Sons, Ltd., Ilford, London. Particulars are given in the company's advertisement in this issue.

GLAXO was the subject of a front-page advertisement in the "Daily Mail" on November 11. The page is supplied as a window-poster by the proprietors, 155-157 Great Portland Street, London, W. 1.

INSURANCE BANDAGES.—An error occurred in the advertisement last week of Thomas Swales, 24 Butts Court, Leeds. The words "N.H.I. Bandages (6 yards)" should read "N.H.I. Bandages (1 in., 3 yards, other sizes 4 yards)."

PACKED HERBS.—Wm. Fox & Sons, Castle Street, Sheffield, are specialising in packed herbs. These are packed as the "Castle" brand. Specimen packets we have examined are attractively put up, and are good value for money.

FIGOLETS.—The prices given for Figolets in the advertisement in this issue of Ayrton, Saunders & Co., Ltd., Liverpool, should be "10s. per doz., 114s. per gross." Figolets, we hear, are meeting with popular favour wherever introduced.

DIAL "CIBA."—The Clayton Aniline Co., Ltd., 68½ Upper Thames Street, London, E.C. 4, announce that the smaller size bottles of Dial "Ciba," containing 50 tablets, have been discontinued. The tubes of twelve tablets and bottles of a hundred are the containers most sold.

SLIPPERINE BALL-ROOM FLOOR POLISH.—The dancing season, which is now commencing, will bring demands for Slipperine ball-room floor polish, the well-known powder prepared by Johnston & Adams, Dundee. The firm's advertisement gives prices and particulars of agencies.

BOURNVILLE SPECIALITIES.—Cadbury Bros., Ltd., Bournville, Birmingham, send us samples of Bournville cocoa, Bournville chocolate, King George chocolates, Dairy Milk chocolate, and Mexican chocolate. The high quality is well maintained, and, owing to the conditions of manufacture, is sure to continue on the same level.

ASPIRIN TABLETS.—Geo. Carr & Co., Ltd., manufacturing chemists, Wilkinson Lane, Sheffield, send us a sample of the aspirin tablets they are advertising in this issue. These are in screw-capped oval bottles with blue label. The tablets are well made, weigh six grains and steadily disintegrate in water. The aspirin answers all the tests of the British Pharmacopoeia and gives the minimum of dissociation when a current of dry air is passed over the tablets.

CHRISTY'S AGENCIES.—Thos. Christy & Co., 4, 10 and 12 Old Swan Lane, Upper Thames Street, London, E.C. 4, send us some of the new showcards which they issue in connection with Forhans for the Gums, and Musterole, also Corega, the dental-plate fixative. The showcards, which can be obtained on application, are well got up, and, being of moderate dimensions, can be placed in the window or the pharmacy without monopolising spare space. The sale of these proprietaries is growing considerably, due to the advertising campaign which is being maintained in the public Press.

TREVONA TOILET PREPARATIONS.—C. R. Olver & Co., druggists' sundriesmen, 97 Upper Kennington Lane, Vauxhall, London, S.E. 1, send us samples of toilet articles of the Trevona series, of which they are the manufac-

turers. These are bath-powder, toilet-powder, dental powder, shampoo-powder, and Poudre Trevona. The first three are packed in packages bearing distinctive purple and yellow labels. The shampoo-powder is in envelopes (seven in a box). The high-water mark is reached in the case of Poudre Trevona, a face-powder, which is packed in handsome aluminium boxes, calculated to take the fancy of the fair sex at first sight. A showcard is issued relating to these toilet preparations.

PERFUMERY OF DISTINCTION.—As will be seen in our advertisement pages, Freese & Moon, Ltd., 59 Bermondsey Street, London, S.E. 1, have taken up the home and export agency for the perfumes and toilet-preparations of Avenel & Co., Paris. It is common knowledge that during the war the supply of French glassware of the highest quality went down to vanishing-point, and dismal forecasts were given in consequence concerning the future of the perfume-trade. Looking in at Messrs. Freese & Moon's showrooms, the other day, a C. & D. representative was agreeably surprised to find a full range of sample of Avenel perfumery, the finish of which should ensure it *un succès fou* wherever it is shown. Many designers attempt at novelty stop in the experimental stage; here, in contrast, one can appreciate a distinctiveness carried out to the smallest details of proportion and labelling. The bottle allotted to "Rève Bleu," for example, bears four moulded figures suggesting the caryatides of a Greek temple without copying a particular example. A hand-painted price-list showing the sizes and colours of these and other remarkable bottles is available on loan. The Avenel *cachet* extends to such products as eau de Cologne, toilet-creams, and hair-lotions: a striking instance of mastery in design is manifest in a toilet powder put up in a box with stripes on the side and a single flower on the lid—an effect that in less practised hands would have become gaudy. It is hardly necessary to mention that the silk- or leather-covered cases for single bottles and for sets of three are designed with a eye to effect, and that the contents of the bottles—Messrs. Avenel being actual distillers of perfumes and incidentally, of essential oils—are of the highest quality. The retail prices range from 5s. to 5l.; the discount to the chemist is liberal; and the stock held in London is, we are assured, ample.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first hand suppliers of the undermentioned articles will be appreciated

B/1311. Blanchot toilet powder.	T/1611. Bromo Cresol.
B/1611. Coco-kola.	S/1311. Wm. Johnson & Co.'s pile ointment.
S/1511. Curtis's horse oils.	

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send stamped, addressed envelope to the Information Department, THE CHEMIST AND DRUGGIST, 42 Cannon Street, London, E.C. 4

Byard's eucalyptus oil, S/811	Gaduol, W/1111
Borset lavender water, S/311	Metal compact powder boxes, J/1211
Down's surgical instruments, W/611	Sloan's liniment, B/1111

APPRECIATIONS.

From a well-known London firm manufacturing food products:

"We thank you very much indeed for referring us to your agency as to supply, and we certainly appreciate your department does."—(182/31.)

From a subscriber in Scotland:

"I beg to thank you for your prompt reply to my inquiry for —. This I have tried to procure from many wholesalers for about two months, but was quite unsuccessful. Within four days after writing to you I had the article required. You can have an idea how I appreciate your kindness. To receive goods direct from the makers within the week was indeed a great relief."—(77/4.)

Observations and Reflections.

By Krayser II.

The Society's Reorganisation Bubble

having burst, we are all naturally anxious to see some practicable scheme adopted, and we shall probably be "fed up" with suggestions of one kind or another. The problem is extraordinarily complicated, and we shall have to pay for our previous mistakes, most of which were due to our own short-sightedness and the false hopes dangled before us by the Council and its advisers. Scotland, which first had the acumen to discern their falsity and the courage to take an independent line, has given us a good lead, and, personally, I am for adapting the Scottish plan to our own case, as you propose. None of the other suggestions hitherto made would seem to be incompatible with this, and it is an immense help to have an actually working model before us. The difficulties, after all, are not so great as those that confronted the promoters of the Trade Association of 1876, to which I referred last week—that is, if we will agree temporarily to ignore the Chemists' Defence Association and the Proprietary Articles Trade Association, and proceed *ab initio*—and your readers will do well to turn to the *C. & D.* of that year and see how those difficulties were overcome. The initiative was taken by Southall Bros. & Barclay, who formed a provisional committee to consider ways and means, and are said to have "spent money like water" in propaganda before the Conference at which the scheme was adopted could be arranged. Over twelve hundred members were enrolled in two months; at a general meeting held in Glasgow in September the organisation of the Association was completed, an executive committee formed, rules promulgated, and a fund of between six and seven hundred guineas raised to start the Association on its course.

Money

is, of course, essential to the success of any scheme we may adopt, and niggardliness is a crime against it. But the money will be well spent, and it will not all be money out of pocket either. The formation of a body with the objects of the Scottish Federation could eventually absorb the C.D.A. and perhaps the P.A.T.A. too. These have served a very useful purpose, and if their day should, indeed, prove to be over, they could be wound up without loss to their members, and their staffs could be transferred to the new body to which their work would fall. We must frankly face the necessity for these changes.

Mr. Fouracre

wants to know where the assistant comes in. Well, *qua* assistant, I am afraid he does not come in at all. The necessity of the moment is an Association of Master Pharmacists (though for reasons previously given I do not like the phrase; let us say Pharmacists in Business). The assistants have their own unions, and the formation of a trade association of employers would probably lead to that desirable consummation, the amalgamation of these in one single body. This and the employers' association would not of necessity be in any sense antagonistic. It has often been pointed out, and cannot be too much insisted upon, that the conditions of labour in pharmacy differ essentially from those of labour in general by the fact that in our trade most employees hope ultimately to become employers. This does not just now prevent some of them from making unreasonable demands, but when things have settled down a little it will have the effect of moderating these demands. It is true that company pharmacy operates in the other direction, but company pharmacy will not be the determining factor.

The War of the Sexes

in pharmacy is becoming acute, and shows some rather disagreeable features. The suggestion that if all the unemployed men are to be "placed" it will be necessary to discharge a great proportion of women

assistants is one of these, and if this is what is meant by the demand of the men for "justice" they are on a false track. It is necessary to distinguish between a hardship and an injustice; no hardship can properly be called an injustice if it is the result of natural causes, and to remedy it (or try to) by committing an injustice is to be guilty of the very thing of which complaint is made. The majority of these women came into pharmacy to supply an urgent want, and are supplying it efficiently. Many of them gave up other possible careers for this, and have qualified themselves for it by study and practice equal to what we demand of men. Much as we all regret the situation that has resulted, we cannot right it by doing wrong to those who have so well served us in our need. What, then, can we do to right it? We can and ought, even at some sacrifice, to do our best to find them work, but they on their part must be reasonable in their demands upon us. The situation is one that can be dealt with far more satisfactorily by mutual concession and accommodation than by aggressive action on either side. Organisation and concerted action may be necessary, but there is a danger in attempting to do by machinery alone what cannot be done without the exercise of the human virtues.

Arsenic

is, I suppose, the most famous poison in history. The Marchioness of Brinvilliers, our own infamous Mrs. Turner, the Italian La Spira, and her later imitator, the maker of the Acqua Tofana, by which more than 600 persons are said to have been made away with before its inventor was brought to justice, all employed it. It was not in those days much used in medicine, a wholesome fear of it acting as a deterrent. The most extraordinary notions of its effects were abroad even among the faculty. A medical writer of the second half of the seventeenth century tells of a young man who through the use of an arsenical ointment "became stark mad," of others who after such use of it "lived miserably all their Days after," sometimes surviving for many years in great torment. Yet Cardan (he goes on to say) "tells of one that eat almost an ounce of *Arsnick* without the least prejudice." The practice of arsenic-eating in Styria has often been adverted to: I remember a case of a young lady in the West of London who took it habitually in solution for her complexion, which certainly was a lovely one—until she tried to leave off the practice.

A History of Advertising

was inquired for (I might almost say demanded) some weeks ago by a writer in one of our most influential weeklies, who was evidently ignorant of the fact that a work with that title is already in existence. The author, Mr. Henry Sampson, acknowledges the incompleteness of his work (which runs to more than 600 pages), and confesses that he had been embarrassed by the amount of material for it. This was in 1875, and I am not aware that the book has ever been reprinted. In any case, there is ample room for another book of the kind, which could not fail in competent hands to be a better one. Mr. Sampson was not very much in love with his task, and even for the period it was meant to cover his book's shortcomings are many. Moreover, though one of the chapters of it is headed "The Education Completed," advertising has made immense strides since then, and some of our present experts would smile at the best efforts of those days. There is evidently a splendid opportunity for one of them to distinguish himself by the production of a really good history of his art.

P.S.

On this page (*C. & D.*, November 6) I questioned whether the Proprietary Medicines Bill was "made the subject of comment in our official Journal before August 28." The Bill, I am now reminded, was mentioned in that Journal on July 31, and described as, on the whole, "a moderate and reasonable" attempt to deal with the subject. I apologise for my lapse of memory, and hope I have not done the Journal any serious injustice by it.

"SANITAS" EMBROCATION.

Invaluable for
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THE ATHLETE'S BEST FRIEND

Of all Chemists, and

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ESTABLISHED 25 YEARS.

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ADVERTISED EVERYWHERE. READY SALES.

ALFRED FENNINGS, COWES, I.W.

British made and British owned.

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(Sacch Ust.)

Buy from the Actual Manufacturers.

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(L. M. Lambert, Managing Director)

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Colne Works, Uxbridge, Middx.

ART OF DISPENSING. (9th Ed.) 8/-, by post 8/9.

VETERINARY COUNTER PRACTICE. 7/6. by post 8/3.

CHEMIST'S DICTIONARY OF MEDICAL TERMS. 3/6. by post 3/10.

T & H **WATER GLASS** Best Value Largest Packers
TOMLINSON'S DAIRY HELPS
HAYWARD'S SHEEP DIPS
VETERINARY PREPARATIONS, &c.
TOMLINSON & HAYWARD, LTD., LINCOLN.

An announcement of particular interest to you appears in this issue on page 2

PATENTS AND TRADE MARKS.

There are many worrying difficulties to be overcome in connection with the Registration of Trade Marks and the grant of Letters Patent which members of the Retail and Wholesale Drug Trade can avoid by consulting an efficient agent, who would undertake all the trouble for an inclusive fee and obtain protection in the United Kingdom and abroad. Advice in the first instance free. Pamphlets gratis.

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Liquid Paraffin, P.B.

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S.V.R. — S.V.M.

AND

CHEMISTS' WINES.

Jas. Burrough Ltd. D.1 Cale Distillery, Hutton Rd.,
LAMBETH, S.E.11.

Editorial Articles.

Trade Opinion Invited.

SEVERAL correspondents have emphasised the importance of a right decision at the present juncture as to the organisation that is to represent the trade interests of chemists in the future. We are glad that this point has been realised, because it is essential that every chemist in business on his own account should express his views now, and not wait until it is too late. The Council of the Pharmaceutical Society met on Wednesday to receive the report of a sub-committee which was appointed a fortnight ago to examine the changes brought about as a result of the decision in the Test Case. We are writing before the report has been made public, but it is permissible to express a doubt as to whether the Council possesses any mandate from the electorate to decide what trade organisation should take over duties which are outside the powers conferred on the Society by Royal Charter. It would appear that there is a tendency to stampede chemists so that the old associations, under other names and with the present officials, should retain the right to act for chemists in trade matters. At the same time there is a body of opinion, so strong that it cannot be neglected, which holds that separation from official patronage is the chief thing to aim at. We have decided, therefore, to take a plebiscite of chemists in business for themselves in England and Wales, and for this purpose a voting paper is inserted in all copies of the *C. & D.* sent to English and Welsh subscribers, asking for replies to the following six questions:

1. Should a new organisation be created independent of the Pharmaceutical Society and its officials?
2. Should there be separate bodies for England and Wales?
3. Should the objects of the new organisation be similar to those of the Scottish Pharmaceutical Federation (*C. & D.*, November 13, p. 65)?
4. Would you be prepared to support the new organisation by becoming an annual subscriber?
5. Would you be prepared to serve on the Provisional Committee?
6. Would you be willing to contribute towards the promotion expenses?

We should esteem it a favour if chemists in business for themselves, or qualified chemists who are directors of limited companies carrying on business in accordance with the provisions of the Poisons and Pharmacy Act, would fill up the *questionnaire* and return it to us **not later than Saturday, November 27**, so that we can collate the replies, and, if possible, publish the result in our issue of December 4. In this issue of the *C. & D.*, and in previous numbers, many suggestions have been made which we hope will assist our subscribers in forming an opinion on this important matter. We think the aim should be to found an organisation of five thousand chemists who could speak with one voice on trade matters. We hope also that the inquiry will afford some indication of activity which could be utilised in founding local branches, and in filling official positions in the new organisation. It is not intended to publish the names of those who reply to the questions, but no paper will be considered that does not indicate the sender's name and address. The suggestion that a guarantee fund should be opened to promote the formation of the new body has been well received. A well-known pharmacist, after reading the *C. & D.* last Friday, made us a conditional offer of a hundred guineas to the guarantee fund. We should like to add that the opportunity offered to-day to found a representative trade body is not likely to occur again within the life-time of chemists at present on the Register. We hope, therefore, that everyone qualified to do so will utilise the occasion without fail. For our part we shall abide by the result whether or not it coincides exactly with our views, because we recognise that unity is essential, and that the principle of self-determination must rule in this matter as in larger issues.

French Military Pharmacy in the War.

THE outbreak of war surprised the French military sanitary service during the period of restocking, which is normally effected during the month of August every year, and the two central establishments of Paris and Marseilles only possessed war supplies deemed sufficient for a period of three months, but which were actually exhausted in a fortnight. The Government immediately proceeded to create two further central establishments, in addition to sixteen regional pharmacies and twenty-four dépôts, in order to assure a proper supply of medicaments for the requirements of the armies in the field. This task was accomplished within a few weeks' time, in spite of the enormous difficulties which had to be overcome, particularly when it is borne in mind that at that time the vicinity of the enemy to Paris had practically paralysed the whole drug-trade and rendered the stocking of these new dépôts a very difficult undertaking. The pharmaceutical service of the army was at the same time confronted by the problem of organising and stocking the veterinary service, also of providing for the necessary supply of surgical dressings; both problems were, however, satisfactorily solved. The prevalence of malaria among the troops serving in Macedonia is reflected in the enormous increase in the consumption of quinine, which, prior to the war, amounted to about 20 tons, and in 1918 reached a total of 90 tons, of which 40 tons was supplied to the Army of the Orient, 15 tons to the Greek Army, 8 tons to the Serbian Army; while 10 tons was issued to the French colonies, and 17 tons used to supply the demands of the armies fighting on the Western Front, and also of the French civilian population. In addition to supplying the armies with medicines and surgical dressings, the

pharmaceutical service of the army also had to furnish the entire material required for the equipment of x-ray laboratories, operating stations, and bacteriological and chemical laboratories. It also created, in one of the forts surrounding Paris (Vanves), a workshop in which clinical thermometers were made, for which France had been dependent on German supplies, and—irony of fate!—German prisoners of war who were experts in this work were selected for carrying out the manipulations entailed in their manufacture, which is still being continued with the help of disabled soldiers. Another branch of its activities consisted in carrying out the various analyses required to safeguard the health of the troops at the front. One of the duties undertaken in this connection was the analysis of the drinking-water obtained from wells, since the discovery of the systematic poisoning of the water supplies by the Germans during their retreat in 1915. The number of these toxicological laboratories increased from forty, in May 1915, to 250 in 1918. The analysis of foodstuffs and beverages, anti-gas warfare, biological tests required for diagnostic purposes by army doctors, also came within its field of activity. A highly interesting work undertaken by the French military pharmacists during the war consisted in the manufacture of the various dyes required for the preparation of stains for bacteriological work. The stock of German dyes lasted until 1916, but by the end of 1917 the French Army laboratories were able to furnish some forty different dyes, sufficient to supply the needs of the American laboratories, and even to furnish them to certain neutral countries. This achievement was due to the initiative of M. Agulhon, of the Pasteur Institute. A few statistical data will best illustrate the enormous demand for medicaments by the fighting forces which the pharmaceutical service had to meet. In the following table the amounts of certain drugs supplied to the armies are given:

	1913	1915	1917
Antipyrin (kilos.)	1,800	6,000	10,000
Chloroform	1,800	15,000	25,000
Hydrogen peroxide solution	6,500	300,000	500,000
Iodine	400	15,000	4,000
Quinine	800	2,500	90,000
Vaseline	4,500	60,000	250,000

The following amounts of tablets and of ampoules were prepared during the war by the various military laboratories:

Tablets of antipyrin (kilos.)	32,000
" aspirin	20,000
" opium	11,000
" quinine	150,000
Ampoules of mercuric iodide (number)	3,500,000
" caffeine	2,800,000
" cocaine	3,000,000
" chloroform	6,000,000
" iodine	3,000,000
" morphine	6,000,000
" novocain	500,000
" sparteine	2,000,000

The tablets manufactured in the military laboratories prior to the war aggregated, in 1913, 6,000 kilos., and reached a total of 80,000 kilos. in 1918. During the same period the number of ampoules prepared increased from 500,000 to over 20,000,000. Those who are interested in the work done by our French military *confrères* during the war will find a wealth of valuable information in the work issued by Professor C. Moureu, entitled "*La Chimie et la Guerre*," from which the above has been abstracted. It is a document of which the profession may justly be proud, as it illustrates not only its high professional status, but the ability with which it was able to cope successively with so many of the problems which had to be solved during the war, to the successful conclusion of which it contributed no mean share.

Reorganising Pharmacy.

In response to our invitation for suggestions as to the kind of organisation that should be set up in the Drug-trade to deal with political matters of a trade nature, we have received several more suggestions. These and kindred matters are dealt with in this section.

The Society's Powers.

THE North British Branch of the Pharmaceutical Society has issued to members in Scotland a circular in which the following reference is made to the Test Case:

POWERS AND FUNCTIONS OF THE SOCIETY.

The High Court of Justice judgment in the Test Case, *Jenkin v. Pharmaceutical Society* ("Pharmaceutical Journal," October 30, p. 405, and November 6, p. 419), may necessitate reconsideration of the past and future policy and work of the Society in Scotland as well as in England. Pending this decision the Executive of the North British Branch has refrained from taking any steps regarding local organisation or the establishment in Scotland of a body corresponding to the Local Associations Executive Committee in England. National Health Insurance arrangements in Scotland are under the direct and independent control of Scottish panel chemists. Consequently the Society's work in Scotland is not affected by the judgment in the same way as in England. At the meeting of the Executive of the North British Branch on October 27 ("Pharmaceutical Journal," November 6, p. 424), it was remitted to the General Purposes Committee to confer with the Council on any matters arising consequent on the judgment, any question of policy to be submitted to the Executive before taking any final decision. This will ensure that the relationship of Scottish pharmacists to the judgment, or any proceedings consequent thereon, shall have adequate consideration.

"A Strong Independent Body" Wanted.

Mr. Herbert Skinner, Ph.C., writes: "Organiser's" remarks (*C. & D.*, November 13, p. 67) tempt me to place on record my experience. I have spent nine years in winning pharmacists to a clear perception of functions, but my work is over now, and I am only an onlooker, with a vivid interest in the outcome owing to my position as secretary of the North London Pharmacists' Association and my responsibility for the London Price List. A writer says, "All roads which we tread to-day lead unerringly and inexorably to to-morrow. But which of all the indicated or discoverable roads will lead us to the best kind of to-morrow?" That is our question, and the answer we give is more vital to our successors than to ourselves. Shall we serve self or serve the community? It is necessary to clear the ground by exploring every channel to see if any body can be adapted to meet the need. There is little doubt that of the functions which remain, that relating to the panel chemists need only cause the retention of a third of the members of the Local Associations Executive. Pharmaceutical Committees representing panel chemists are to be re-elected in January and carry on their work. The Chemists' Defence Association is on another plane, and to interfere with its present functions would be for individual benefit rather than for that of the public. It is admitted that the work the Association does costs double its value in a competitive market. An amalgamation of these two bodies, with the resultant enthronement of the old directorate, would be fatal to all initiative, stifle all enthusiasm, and increase discontent. A strong, independent body which can speak for itself will never be formed by such an amalgamation. I agree with "Organiser"; a number of enthusiasts should club together and form a guarantee fund; if the number is too large, they could form among themselves a first executive which would draw up a list of objects, as wide as possible, together with fundamental rules as to branch formation and membership. The Provisional Committee would elect a first chairman, vice-chairman, treasurer, and an honorary secretary. The last-named official, in my view, is essential, since an initial

paid secretariat would mean a partial appointment, and unless the person chosen were a man of vision, initiative would be stifled and the germination of the bureaucratic microbe helped before the organisation had a chance to say it was alive. The primary officer should be the organiser, a paid official, on whom will depend the success or failure of the organisation. He should be a man skilled in platform work, an enthusiast in service, convincing and persuasive and capable of overcoming the doubting ones. The campaign can then be started, using every means of publicity. Concrete results will soon come in if the right men are on the executive and the right man as organiser has been found. Unless, however, the experience of all new formations is belied, the honorary secretary will be able to meet all registration needs. Wherever twenty chemists are gathered together there a branch could be formed and 25 per cent. of the agreed subscription allocated for local needs. Within three months, the annual general meeting, which is the governing body, must be called. All rules, regulations, etc., should be in the hands of branch secretaries three weeks in advance, and every branch would send its quota of delegates. At the same time nominations for the chairman, vice-chairman, treasurer, twelve committeemen, and secretary, who by this time will most certainly have to be an all-time paid officer, would be submitted to and voted upon by the members. The appointments are by ballot, which is a *sine qua non* in a body formed on trade-union lines. The annual general meeting would consider all rules, and such other matters as were passed for the agenda; it would provide for divisional councils where the number of branches required it, and provide for working arrangements with any other body which is in existence. By this time another organiser would most likely be needed, and money spent on these gentlemen is well laid out, since they are the life and soul of the movement if rightly chosen. That is the machine, and it would be up to the executive to make good their promises. Chemists have demanded a body on trade-union lines—the only effective method; but it would be open to the annual general meeting to say whether they would register as a trade union or not. In any case, if there is any meaning in the demand so persistently made, the time and opportunity have arrived.

A National Association of Practising Pharmacists.

In Volume LXXXIII. of THE CHEMIST AND DRUGGIST (II., 1913, p. 397), Mr. Arthur E. Bailey dealt in detail with a plan for setting up a representative body to act on behalf of the Pharmaceutical Committees of England and Wales. He now brings his scheme up to date in accordance with the present requirements.

The decision in the Test Case has provided an opportunity of consolidating and unifying all the trade interests of pharmacy such as has never before been presented to pharmacists. Any action taken now should be well considered, and neglect to take advantage of this great opportunity to build a solid, serviceable, and enduring structure will be a permanent disadvantage to the drug-trade. A new structure is required to meet the present need; no amount of patching an old building is going to be satisfactory.

In putting forward the following suggestions, I aim at establishing a National Pharmaceutical Federation which shall also be a National Association of Practising Pharmacists. This association should include England, Scotland, and Wales, but as the Scottish pharmacists have already established a Federation it will only be necessary to deal with that for England. A similar association should be established for Wales, or alternatively adequate representation should be given to Welsh pharmacists in the English body. This union, association, or federation should unite in one body the whole of the interests of practising retail pharmacists. It should consolidate and establish those interests and secure and maintain, politically and commercially, the best possible conditions for every retail pharmacist in the country.

Two preliminary conditions should be accepted as principles:

(1) Every pharmacist, whether panel or non-panel chemist,

keeping open shop and practising as a retail trader, should be a member of that union.

(2) The organisation adopted should be such as will be sufficient for all trade purposes.

For the basis of this scheme we should get back to the local associations in the counties and county boroughs. These were established for the purposes of the Health Insurance Acts, and have grown and become active and useful for many trade purposes. Preserve the integrity of existing associations where they are active bodies, and adapt them to the present purpose by modifying their objects to meet the new conditions. It should be possible to establish within each association an employer section and an employed section, so that the assistant—the employer of to-morrow—could retain his membership of the associations.

Organisation.—The Insurance Dispensing Service has become such an integral part of the retail chemist's business that it is better to use the Insurance organisation to assist in building up the National Federation rather than to erect a separate structure entirely, and use Pharmaceutical Committees. I suggest that the present arrangements, whereby the pharmacist members of the Pharmaceutical Committee constitute the Pharmaceutical Insurance Sub-Committee of the association, should be preserved. The employer section should be modelled on that, and all retail employer or owner members of the association executive should constitute the employers' sub-committee of the association. They may be practically the same men as at present, but their qualification will now be that they are owner-chemists.

District Federations.—Next divide the country into districts, so that there is effective combination. The grouping of associations should be for all purposes—chiefly for local administration—but existing conditions, such as facilities for meeting and geographical position, should be borne in mind. Particular attention should be given to Insurance service and the position of the Pricing Bureaux, for it may be the work of the District Federation to check the pricing of prescriptions at the bureaux which deal with their own area, instead of carrying out this work centrally, as at present. I suggest, therefore, a basis of grouping such as the following:

NORTHERN DIVISION.—Northumberland, Durham, Cumberland, Yorkshire. Contains practically twenty-four Pharmaceutical Committees. Prescriptions for these areas nearly all priced at present at two bureaux—Durham and Wakefield.

NORTH-WESTERN DIVISION.—Westmorland, Lancashire, Cheshire. Approximately twenty-four Pharmaceutical Committees. Bureaux are at Preston, Bolton, Liverpool, and Manchester.

WEST MIDLAND DIVISION.—Hereford, Stafford, Derby, Shropshire, Warwick, Worcester. Approximately eighteen Pharmaceutical Committees. Bureaux are at Birmingham and Smethwick.

EAST MIDLAND.—Nottingham, Leicester, Rutland, Northampton, Oxford, Buckingham, Berkshire, Lincoln. Approximately eighteen Pharmaceutical Committees. Bureaux are at Birmingham and Sheffield.

EASTERN DIVISION.—Hertford, Huntingdon, Bedford, Cambridge, Essex, Norfolk, Suffolk. Approximately twelve Pharmaceutical Committees. Bureau at Leytonstone.

SOUTH-WESTERN.—Cornwall, Devon, Somerset, Gloucester, Dorset, Wiltshire. Approximately twelve Pharmaceutical Committees. Bureau at Bristol.

SOUTH-EASTERN.—Middlesex, Kent, Surrey, Sussex, Hampshire, Isle of Wight. Approximately fifteen Pharmaceutical Committees. Bureau at Clapham.

LONDON DIVISION.—This would be a branch federation of all Metropolitan associations, not solely London. Middlesex, Essex, Surrey, and Kent associations bordering on the Metropolis should be included.

Not all prescriptions dispensed in the areas indicated are priced at the bureaux mentioned, but this at least provides a working basis for federated areas.

Divisional Association Branches.—The Executive Committee of each district branch of the National Federation would be elected by the local associations of employers within the area, and would meet as required—monthly at first. It would be in charge of a permanent organising secretary, who would be responsible to the National

Executive Council for the conduct of all association business within his area.

National Association Executive.—This would be elected on a proportional and territorial basis by the local associations, and would meet monthly. I suggest: Northern, three; North-Western, three; West Midland, two; East Midland, two; Eastern, one; South-Western, one; South-Eastern, one; Metropolitan Federation, four; total, seventeen. Also give one representative each to Wales, Scotland, the Pharmaceutical Society, and limited companies, making altogether twenty-one members. Scotland and Wales should be represented, so that the branches for those countries should be kept in touch with the work of the English Federation. The Pharmaceutical Society certainly should be officially represented on such a National Pharmaceutical Federation. The proportional number of representatives for each district is based on the number of Pharmaceutical Committees, but this could be altered if desired.

Finance.—The reason why I retain the Pharmaceutical Committee organisation is this: One of the chief objects of this National Federation may be to further and protect the interests of panel chemists, and these really constitute the majority of the employer pharmacists of the country. I suggest, therefore, that the funds available for the work of Pharmaceutical Committees, and which are obtained by deductions from chemists' Insurance accounts, can be pooled and spent jointly and locally by District Federations in the work of checking prescriptions at each bureau, as well as centrally, as they have been by the Local Associations Executive. Also that some portion of these funds—say, one-half—be paid to a central executive, which will undertake the work of arrangement and negotiation on all matters affecting chemists' terms of service under the National Health Insurance Acts. Employer-pharmacists, therefore, who are panel chemists may be said to have already contributed to the Insurance work done by the National Executive on their behalf. For the other trade activities of the Federation, therefore, all panel employer members of the associations might subscribe one guinea a year, and non-panel members two guineas. In this way I think the funds necessary to carry on this Federation could be obtained. Energetic propaganda work among individual chemists would have to be carried on by the organising secretaries of the Divisional Federations; but once the objects of the association were realised, I think it would be supported by most practising pharmacists.

Objects.—The objects of such an association as this are ably stated in the Scottish Federation's scheme outlined in the editorial article of the *C. & D.* November 13 (p. 65). That seems to cover all the ground and provide for all contingencies. The National Executive Council of this association, representing all master-pharmacists in the country, could boldly approach manufacturers of proprietary medicines and demand better terms for the retail distributors of their articles. It could negotiate with the Ministry of Health with regard to Insurance terms; it could, if necessary, absorb the Chemists' Defence Association and the Proprietary Articles Trade Association, and so combine in one body the different trade activities affecting retail pharmacists. It would be a powerful body acting in the interests of chemists with regard to any legislative proposals of the future.

Checking Insurance Prescriptions.—With regard to the checking of Insurance prescriptions, this could be done by an officer in each district or divisional area. All general arrangements would be made centrally by the National Executive, and all necessary information supplied to the divisional officers. Where there was more than one bureau in each division, special arrangements could be made. This would relieve the central headquarters of much detail work, and would perhaps secure as efficient working as the central system. Reports would be furnished to the central office, and much useful information could be gathered for use by the National Executive.

Officers.—The Executive Council of the association should be composed of master-pharmacists elected proportionally and territorially by the local associations of employers. The President should be a prominent and

experienced pharmacist, who would be able to devote a large portion of his time to the work of the association for the inaugural period of twelve months at least. He should be one who would command the respect of outside bodies and Government Departments. The secretary of the National Council should be a thoroughly experienced man in all branches of the trade, tactful, energetic, and well-meaning, a good speaker, organiser, and propagandist, and, as the *C. & D.* says, "an enthusiast." The Council should advertise the position and secure the best possible man for the work, for on the work of the secretary hangs the destinies of such an association as it is now proposed to establish. Ultimately I see no reason why he should not seek election to Parliament as a pharmaceutical representative.

An annual conference should be held of delegates from all local associations such as is held at present. The headquarters of the association should be in London, with an adequate staff to deal with the multiplicity of detail which the setting up of an entirely new body will involve.

The greatest need of the moment is that every individual pharmacist in business on his own account throughout the country should realise the tremendous importance of the questions that are before him at the present time; that every association secretary should truly appreciate the necessity for right planning and wise decision, so that whatever is done shall be done for the good of pharmacy as a whole, and not for the benefit of a small class of individuals; that all pharmaceutical leaders should view the matter from every point of view, and examine carefully all projects that are put forward before deciding these important issues. What is decided now is not merely for the present, but it will probably affect the whole future of pharmacy. Let every pharmacist realise his own personal responsibility in the matter, so that whatever is done may be worthy of our best traditions.

Colonial and Foreign News.

NEW PHARMACY STUDENTS.—During the present winter term 110 students of pharmacy, including 40 women, have matriculated at the University of Vienna.

WALNUT LEAVES IN MEDICINE.—The Budapest Hospital for Skin Diseases requests the owners of gardens to collect the fallen walnut leaves, which are required for medicinal purposes. The leaves will be called for by the hospital.

AMERICAN AGAR-AGAR.—From a note in the "Spatula" we gather that the United States has entered the field as a maker of agar-agar. A plant at Glendale, near Los Angeles, has been erected, and is producing from 400 to 700 lb. per day. There appears to be no limit to the raw material along the California and Lower California coast.

ANTHRAX FROM SHAVING-BRUSHES.—A merchant at Coonoor in India died recently of anthrax from using a shaving-brush of Japanese origin purchased from London. Forty-six of the brushes forming part of the consignment were traced to the Kolar Gold Field, and on examination at the Government and Mining Board Laboratories were found to contain anthrax bacilli.

CZECHO-SLOVAKIA PHARMACY CO.—An important new undertaking has been founded in Czecho-Slovakia with the object of importing pharmaceutical drugs and chemicals, and also to export national pharmaceutical products. The well-known "International Pharmacy" of Dr. F. Sperling in Marienbad will form the central organisation of the new company, which bears the title "Mariatherma: Chemicals and Medicines Industry of Marienbad, Ltd."

PATENT MEDICINES IN SWEDEN.—The Council of Chalmers' Technical Institute, Stockholm, has drawn the attention of the Government to the fact that the draft submitted by the Patent Legislation Committee favours the introduction of patent medicines. The fact that permission is granted to get a preparation consisting of known substances patented is contrasted with the prohibition against the patenting of preparations of chemical combination.

MANUFACTURE OF SACCHARIN.—The difficulties in the manufacture of saccharin in Austria have now been overcome, and larger supplies will henceforth be available for the population, without importing this substance. As saccharin is a State monopoly it will be distributed directly by the Government to the various organisations and consumers. During the first nine months of the present year a total of 43,278 kilos. of saccharin was supplied.

THE REXALL CONVENTION.—In his annual address to the Rexall druggists and stockholders, numbering about 4,000, at the first day's session of the seventeenth annual United Drug Co. convention at the Coliseum, St. Louis, on September 29, President Louis K. Liggett gave a comprehensive idea of what the establishment of the new \$2,000,000 plant of the company which has just been completed would mean to the city and how the commercial development of St. Louis would be affected by the successful operation of the industry, capable of producing \$15,000,000 worth of goods yearly. He also told of what the company had accomplished in the past year and outlined plans for the future. An elaborate programme of entertainment was arranged, including boat and trolley excursions, fashion show, barbecue, dances, and a concert by grand-opera stars. An innovation was a fountain of perfume instead of water installed at the Coliseum.

NEW SPANISH TAX.—A new tax has been introduced in Spain, which takes the shape of a charge on every article placed on the market in a form ready to be delivered to the purchaser. This tax is levied by affixing the special stamp provided for this purpose to the package in such a way that on opening the container the stamp will be torn. On affixing the stamp it must be cancelled by stamping or printing on it the date, and this must be done at the time when the dutiable article is received at the place where its retail sale to the public takes place. Manufacturers, etc., may, on application to the National Factory, have the stamp printed on the label or wrapper, thus avoiding the necessity of affixing a separate stamp to each dutiable package. As this stamp duty is levied on every packed article, it naturally applies also to all pharmaceutical preparations issued in a form ready for sale to the public, and the provisions of the law affecting the stamping of foreign goods are of considerable interest to exporters of any kind of packed goods to Spain. The law requires that the stamping of foreign articles imported into Spain shall take place at the time of their entry into Spain, subject to the following provisions: On arriving at a Spanish Customs-house the stamp of 10 centimos must be immediately affixed to each dutiable package, and then cancelled by the official Customs-house stamp. If, in the opinion of the Customs-house officials, the number of packages requiring treatment is so great that the fixing of the individual stamps to each package would entail an undue delay and interfere with the regular course of the Customs-house officials' duties, the Customs-house authorities may require the interested party to present a declaration setting forth the class and number of single packages liable to stamp duty contained in each parcel, case, etc., and after verifying the correctness of this declaration, the Customs-house authorities shall seal every parcel, case, etc., affixing to it this declaration. At the same time a certificate will be handed to the importer, while a duplicate will be forwarded to the office of the Exchequer (Revenue and Tax Office) of the province in which the consignee resides. This certificate shall set forth the name of the sender and of the consignee, the number and weight of the parcels, their contents, stating the number of single packages liable to stamp duty, and the mode of despatch to the place of destination. The Exchequer will designate an official to be present at the place of destination, and the packages, etc., may only be opened in his presence, and he will superintend the affixing and cancelling of the stamps to each individual dutiable package, certifying that this has been duly accomplished on the certificate and on the duplicate, the latter being then sent to the Exchequer. The circulation in Spain of unstamped packages shall be deemed an offence against the stamp-duty laws.

Associations' Winter Session.

Assistants' Union.—The Edinburgh Branch of the National Chemical and Drug Union assembled in the Pharmaceutical Society's Rooms, 36 York Place, Edinburgh, on November 12, to hear Mr. Sidney Jamieson (the Wm. Browning Co., Ltd.) give his interesting lantern lecture on *Petroleum*. In answer to the question, "Why is Russian oil the best for medicinal purposes?" Mr. Jamieson explained that in America the possibilities of using the oil medicinally were not recognised until recently, and no effort had been made to remove the nauseous taste. But oil could now be obtained from Trinidad and various American States, equal in every respect to the finest ever obtained from Russian sources. For obvious reasons not an ounce of petroleum had reached this country from Russian sources for nearly five years. Consequently all the medicinal paraffin received in this country in that time had come from other sources, notably America.

Bolton.—At a meeting of the Bolton Pharmacists' Association held on November 11, a paper was given by Mr. S. Relph, entitled *General Diseases related to Ocular Disease*. The speaker showed how the various portions of the eye were affected by different diseases, and how useful an instrument was the ophthalmoscope.

Bradford.—The members of the Bradford Pharmacists' Association were addressed, on November 11, by Mr. L. M. Parry, Liverpool (member of the Pharmaceutical Council). Mr. F. E. Burdett presided. A resolution of condolence with the relatives of the late Mr. W. W. Stead was adopted, and it was decided to subscribe 5*l.* 5*s.* to the Harrison Memorial Fund. Mr. Parry said that although the object of pharmaceutical organisation is to obtain pharmacy for the pharmacist, the goal is not yet in sight. The Pharmaceutical Society and the Local Associations Executive have got most of the blame, but the blame really rests with everybody, including those who elect the leaders, and especially those who are non-members of the Society, the miserable wretches who take all and give nothing. Three-eighths of the total number of registered chemists are still outside the Society. The Society has, in Mr. Parry's opinion, had better leaders, in the main, than the craft has deserved—men of integrity and honour, though it was inevitable that there should be an occasional adventurer who was out for his own ends before the needs of his comrades. When chemists have chosen the right men they should treat them decently. The humblest chemists should not be beyond reach of election to the highest position pharmacy can offer. There must always be differences of opinion as to policy, but the policy of the Pharmaceutical Council must always be in the public interest, because upon that depends everything that chemists possess. Chemists have been badly paid in comparison with the training and responsibility of their work. The most damning factor in hampering chemists has been cheap labour, and the drastic changes in the training scheme will cause a great advance in this direction. Mr. Parry deeply regretted the failure of many of the ex-Service men at the examinations, but the failures were due mostly to lack of primary education. Mr. Parry remarked that occasionally there are charges, by what he described as the "red fringe" on the Council, of dilatoriness by the Council. He did not know whether it is necessary to answer such stupid charges, but he would just ask whether anybody would think any the better of a military general staff which disclosed its plan of action on the field. Of all the Bills and measures at present engaging attention by chemists, Mr. Parry regarded the Dangerous Drugs Act as the most important. It did not become an Act without challenge, and very drastic amendments have been introduced into it without any noise. Could any chemist expect them to make a rowdy opposition to a measure which was the direct outcome of the great Peace Treaty and which is framed entirely in the interests of humanity? He could assure chemists that the Society is being taken into consultation, and that when the regulations under the Act are issued chemists will be safe-

guarded. Certain amendments of the Proprietary Medicines Bill are also under negotiation. Mr. Parry observed that letters in *THE CHEMIST AND DRUGGIST*—the opposition Press—are constantly charging the Society with making no provision for protection of chemists in regard to the sale of known, admitted, and approved remedies. The Bill, he said, makes no mention of those remedies at all. They are omitted, and the omission is intentional. But the Bill does not exclude trade-marks and trade-names the use of which anybody claims or purports to have an exclusive right to. Mr. Parry said it would be utter folly to give any indication of the course of action to be taken by the Council as a result of the test case. They all knew now that the Society cannot undertake trade matters, but the Society will not act the dog in the manger. There is plenty of work without trade matters. Mr. Parry concluded by a strong condemnation of all who "throw mud" at the Council. Such people, he said, are not only cowards and traitors to the craft but fools in their own interests, and those who stand by quietly are nearly as bad. In the discussion which followed, Mr. M. Firth, speaking of the regulation of training, thought something ought to be done—by combined action by the Medical Council and the Pharmaceutical Council if necessary—to protect chemists against the use of the title "pharmacy" by unqualified drug-store proprietors. Mr. Firth called attention to the abuse of the chemists' privilege in regard to the sale of known, admitted, and approved remedies. The President said he would like to know whether Mr. Parry's address meant that he favoured a paid President, and whether there is going to be any safeguard against the continued exploitation of cheap labour by unscrupulous employers in the case of apprentices during their 2,000 hours in a shop. In regard to the Proprietary Medicines Bill, it would be a great wrong if chemists have to pay the same fee for an article for which there is only a very small sale as for some of the proprietaries for which there is an enormous sale. He was most doubtful in respect to the prospective new trade body whether it will receive loyal and sufficient financial support. Mr. Parry, in reply, favoured the protection of the title of "pharmacy." Probably it will be done only by combined action of the Medical Council, the Pharmaceutical Council, and the qualified dentists. The protection for chemists in regard to known, admitted, and approved remedies refers, of course, only to their own preparations, and the abuse of the P.J.F. is a serious danger under present conditions. He did not urge a paid President of the Society, but thought the craft will get the best brains by ensuring that the President and members of Council shall not be out of pocket by their work. He agreed that there is not yet an adequate safeguard against the misuse of the 2,000 hours in the shop.

Ealing.—The monthly meeting of the Ealing Pharmacists' Association was held on November 9, the President (Mr. Ironmonger) in the chair. The secretary (Mr. Marns) read a letter from Miss Buchanan, asking for support for the Benevolent Fund, and it was decided to hold two whist-drives during the session in aid of the fund. The Association's annual dinner will be held some time in January, and a committee was formed to assist the secretary with the arrangements. A general discussion on trade matters took place, and Mr. Hugo Wolff briefly addressed the meeting on the new conditions of pharmacy brought about as the result of the test case.

Edinburgh.—The Edinburgh Chemists', Assistants', and Apprentices' Association held the opening meeting of the session in the Pharmaceutical Society's House, 36 York Place, Edinburgh, on November 10, at 8 p.m. The chair was taken by Mr. H. Stout, Ph.C., ex-President. The presidential address was then given by Mr. H. W. Blair on *The Pharmaceutical Society's New Curriculum*. After referring to the fact that, twenty years ago, the Association debated the question, "Should the Minor examination be divided?" and that it was decided in the affirmative by a majority of three to one. Mr. Blair said the Association is, therefore, entitled to congratulation on the fact that the view taken in 1900 now prevails. A comparison of the old with the new

Regulations reveals some startling changes, not always creditable to the official copy. The new pamphlet suggests a hurried entrance to the pharmaceutical world for a temporary stay. As a guide to students it is not a success, its many ambiguous passages giving rise to doubts inducing mental disturbance to students. Mr. Blair proceeded to show that the low standard required for the Preliminary examination does not appear to be consistent with the higher educational programme of the Society. Some pertinent points were then raised regarding the requirements under the new regulations, which were examined and carefully criticised by Mr. Blair, who said that the raising of the standard of the Qualifying examination seems more apparent than real. Among his suggestions for improvements was that part of the Qualifying examination should be a written one, and that authenticated class note-books should be submitted to the examiners to supplement the examination test. He considered that the title M.P.S. should be the right of the man who had served in a pharmacy an honest apprenticeship in his art, and, as there is a possibility of doubt as to the strict meaning of "Pharmacist," the statutory title "Chemist and Druggist" should be used. Reconstruction of our educational and examination policy, he said, should have attention, support, and constructive criticism from every member of the Society.

Essex.—A meeting of the Committee of the County of Essex Association of Pharmacists was held on November 9, Mr. Nicholls (President) in the chair. A communication was received from "The British and Colonial Pharmacist" in which attention was drawn to the fact that the East Anglian Federation had adopted their Minimum Retail Price List as the official list for the area, and asking if the Association was prepared to accept this proposal. It was decided to inform the "British and Colonial Pharmacist" that it would be advisable to approach the members individually. The Proprietary Medicines Bill received consideration, and it was resolved to approach the Members of Parliament for the County, calling their attention to the importance of the Bill. Mr. England pointed out the increase in price-cutting of proprietary soaps, etc., by stalls and on open markets, and it was ultimately resolved to send a protest to the makers of these articles and also to the Proprietary Articles Trade Association and the Local Associations Executive. It was also decided to send protests to the Virel and Glaxo companies regarding the reduced prices at which their foods are obtainable through Maternity Clinics. A communication was received in connection with the closing of the Harrison Memorial Fund. It was resolved that members be asked uniformly to contribute 5s.

Ipswich.—The Ipswich and Suffolk Chemists' Association held a meeting on November 10, at which a letter was read from Mr. Gamble, Bury St. Edmunds, suggesting the advisability of an early meeting being held at Stowmarket to enable the West Suffolk members to attend. Mr. G. N. Edwards then opened a discussion on the Proprietary Medicines Bill, and contended that pharmacists have a right to sell any reputable proprietary medicine. He resented the fact that no line of demarcation was indicated between the evident quack and the legitimate practising pharmacist, and urged the necessity for the withdrawal or drastic alteration of the Bill. In the discussion it was pointed out that if the Bill became law it would mean the creation of another sub-department and more Civil Service officials. The following resolution was then passed: "That in view of the serious threat offered by this Bill to the interest of pharmacists carrying on an established and legitimate business in remedies of known, admitted, and approved definition, this Association resolves that every effort be made to obtain the withdrawal of the Bill, or such exemptions made as shall exclude *bona-fide* chemists from its provisions excepting such as refer to the treatment of diseases mentioned in the schedule." Mr. J. C. Wiggin then gave a short demonstration of Dip-a-Dip capping methods.

London (Co.).—A meeting of the Executive Committee of the London County Pharmaceutical Association was held on November 16, Mr. A. J. Wing (President) in the chair. Mr. Atkins agreed to co-operate with Mr. Tocher in the compilation of a pharmacists' Roll of

Honour and a record of war services rendered by London pharmacists. A letter was received from the Essex Association concerning the Proprietary Medicines Bill, but it was decided to take no action in the matter at present. The Committee considered resolutions from the South-Western and North-Eastern Associations concerning the formation of a trade body in pharmacy, and suggesting that immediate action be taken by the London County Executive. A protracted discussion ensued, and it was ultimately decided to refer the matter for full consideration to a special meeting of the Executive to be held on November 23.

London (S.W.).—A special meeting of the South-West London Pharmacists' Association took place on November 9 at Westminster College of Pharmacy, the Vice-President (Mr. E. A. Atkins) in the chair. The Chairman, in opening the discussion on *The Test Case*, pointed out the need for immediate action. He had waited for years for this, and would give all his support to the formation of an independent body. Mr. J. Keall endorsed the Chairman's remarks. It might be possible, he said, to use present organisations, or it might be necessary to set up an entirely new body; in any case, they wanted one capable, not only of defence, but also of attack. After several other members had spoken a resolution was carried in favour of the immediate formation of a Pharmaceutical Defence Union. The proposed new Insurance dispensing terms were considered satisfactory.

Manchester.—The Manchester Pharmaceutical Association held a meeting on November 10, when Mr. G. E. Marfitt, of Leicester, gave an interesting address on *Window Dressing* to a large audience. On one side of the room was displayed a large number of mounted photographs of window-shows designed by Mr. Marfitt at his three pharmacies in Leicester. In his address Mr. Marfitt urged chemists to utilise their window space, giving at the same time valuable hints on seasonal displays and appropriate fittings. Several questions were put to the lecturer at the close of the address.

Redhill.—The Reigate and Redhill Pharmacists' Association held the annual meeting on November 10, Mr. L. H. Knight (Purley) presiding. The treasurer's statement, showing a balance of 4*l.* 19*s.* 11*d.*, was adopted. Officers were then elected as follows: Mr. Wilmshurst (Redhill), *President*; Mr. Walmsley (Merstham), *Vice-President*; Mr. Hocken (Redhill), *Treasurer*; and Mr. Fowler (Redhill), *Secretary*. The *Committee*, Messrs. Dixon, Macrae, Padwick, and Pratt, was re-elected. The meeting then discussed the new terms for National Health Insurance for 1921, and resolved "that they should be accepted under protest, as it was considered that with the continual rise in business expenses the increase should have been more than was suggested." A resolution was also adopted "that the County Association should be asked further to take up the question of the profit on these proprietary preparations to see if some concerted action could be taken with regard to them."

Salford.—A meeting of the Salford Pharmaceutical Association was held on November 11, Mr. Stout in the chair. Dr. J. Stanley White gave his interesting lecture on *Ductless Glands and their Uses in Medicine*. The lecture was illustrated with lantern slides. Some of the local medical men were present, and chemists from Manchester.

Sheffield.—A meeting of the Sheffield Pharmaceutical and Chemical Society was held at the Literary and Philharmonic Rooms, Church Street, on November 10, Mr. E. Preston presiding, at which Mr. S. Jamieson, London, gave an address on *Petroleum from the Wells to the Pharmacy*. At the close a discussion took place, in which it was pointed out that the American oil does not appear to emulsify so readily as Russian used to do. Mr. Jamieson, in his lecture, dealt exhaustively with the historical features of petroleum and traced its use from the time of the Incas of Peru to the present day. He indicated also the methods of obtaining petroleum and the characteristics of the crude and refined oil. The different fractions were explained, and the importance of viscosity in a medicinal oil made evident.

Stafford.—A committee meeting of the Staffordshire Pharmacists' Association was held at Stafford on November 11, Mr. Garland, Cannock, in the chair. A report of the checking for May and June showed that pricing is now satisfactory. The $7\frac{1}{2}$ per cent. to be added to the amount on pricing tuberculosis scripts is being included in the pricing out to save time and unnecessary work. The Local Associations Executive had written to say they are putting forward a claim of 20 to 25 per cent. increase of fees and for the abolition of stock mixtures. The committee approved of the proposal. It was reported that certain clinics and tuberculosis centres had been supplying malt and oil to malarial and tuberculosis patients direct. The secretary was asked to find the reason for this, as the chemist's contract included malt and oil. The general annual meeting of the Association was then held, Mr. A. S. Price, retiring President, in the chair. The secretary, Mr. Trotter, gave his report, and the treasurer's report showed a balance in hand of 15*l.* 18*s.* 4*d.* and a reserve account of 40*l.* Mr. Price, as the retiring President, then gave a short address on the Association's activities. Mr. Whitehead, Walsall Wood, was unanimously elected *President* for the ensuing year, and took the chair. Mr. Fowke, Stafford, was elected *Vice-President*, and the other officers as follows: *Secretary*, Mr. C. H. Trotter, Wolverhampton; *Treasurer*, Mr. E. M. Mellor, Uttoxeter; *Committee*, members of Pharmaceutical Committee, *plus* Messrs. Dunn, Reid, Fereday, Wood, Belsher, and C. M. Warner; *Auditors*, Messrs. M. R. and H. L. Warner. The question of a joint meeting of doctors and chemists was left with the secretary to deal with. A letter from the Manchester Pharmaceutical Association *re* subscriptions to Manchester University was allowed to lie on the table. It was decided to allocate 5*l.* 5*s.* from the Association funds for prizes to be given at recognised schools in Staffordshire and Birmingham. The annual meeting was held the next day.

Ulster.—A committee meeting of the Ulster Retail Drug Trade Association was held in the rooms of the Chemists and Druggists Association, Belfast, on November 12, the President (Mr. S. Suffern) in the chair. A letter was read from Virol, Ltd., regretting that the Association is not satisfied with the percentage of profit on Virolax, and the committee considered the explanation unsatisfactory. It was reported that the pharmaceutical chemists and druggists in Londonderry are forming an Auxiliary Association.

Wallasey.—Dr. J. Stanley White (Parke, Davis & Co.) lectured on November 12 on *The Nature and Use of Biological Products*. The proceedings were under the auspices of the Wallasey Pharmacists' Association. The chair was occupied by Dr. Charles Wilson, and among those present were Dr. T. H. W. Barlow (Medical Officer of Health), Dr. Sclater, Dr. Bark, and other local practitioners. Dr. White, in introducing his subject, said that the great and increasing use of sera, vaccines, etc., rendered it important that pharmacists should have a knowledge of the recent developments in regard to their preparation and employment, and the principles underlying their use. He showed what immunity really indicated, and illustrated by means of lantern slides the manufacture of serums and vaccines. Horses, he pointed out, were gradually made to become expert antitoxin producers, frequently as much as a gallon to $1\frac{1}{2}$ gallon of antitoxin blood being drawn from them. Strangely enough, the horses appeared to enjoy the process. After discussing the incidence of disease during war periods, charts were displayed showing the comparative prevalence of smallpox in London prior to and subsequent to the introduction of vaccination. Last year was practically a *nil* year, and certain people seemed to think epidemics occurred in cycles, and that another might be expected. If it came, he certainly hoped few people would be found objecting to vaccination. After a reference to the vaccine curative for boils, the lecturer concluded with the display of slides illustrative of the thyroid gland, the nature and function of which he described.

South-Western Federation.

The annual meeting of the South-Western Federation was held at Taunton, on November 11, Mr. H. E. Matthews (Bristol) in the chair. Those elected to the Executive Committee were Mr. H. E. Matthews, *President*; Messrs. W. T. Hall and D. A. Haynes, *Vice-Presidents*; Mr. P. F. Rowsell, *Treasurer*; and Messrs. W. H. Hill, H. R. Hoyles, E. J. Hughes, and J. D. Turney. A discussion on the best means of promoting the Society's Benevolent Fund resulted in the appointing of Mr. W. J. Hallett as Benevolent Fund Organising Secretary. Mr. F. E. Bilson (Treasurer of the Pharmaceutical Society) then addressed the meeting on *Current Pharmaceutical Topics*. Mr. Bilson dealt particularly with the Test Case and its bearings, the Dangerous Drugs Act, Proprietary Medicines Bill, Insurance Dispensing Terms, and the Society's Finance. If an Industrial Council were desired he said a body must be set up apart from the Society, but there should be only one such body, and its functions must be very clearly defined, otherwise there would be a clashing of interests. Speaking on the Proprietary Medicines Bill he emphasised the importance of obtaining: Protection from consequences of the disclosure of registered formulas; provision for the deletion of diseases from the schedule under Clause 2; confining Clause 3(a) to "Correspondence"; free registration of chemists' own proprietaries; proper control of the preparation of proprietary medicines containing poison or dangerous drugs; adequate protection against frivolous prosecution or prosecutions in respect of inadvertent offences. Referring to the state of the Society's finances, Mr. Bilson said this gave cause for grave anxiety; they had been much strained during the war, and even the increased subscription would not be sufficient to meet future needs. He thought the Finance Committee should have more control of the spending of money. Tea was afterwards provided by the Somerset County Pharmacists' Association.

At the Counter.

THE following are specimens of gems collected from our subscribers:

- 1*d.* Diagling for biles.
- 2*d.* of Potash of Perlmutter.
- A tube euthymol 2 spaced.
- 2*d.* borax and honey for a child's illustrated mouth.
- A box of Iron Jellicoes.

METAPHORICAL.—The following testimonial has been received by a provincial chemist who supplies dentures:

Dear Sir, Mr. G.—I have no doubt you have often wondered how I am getting on with my new teeth. Well, I have had no occasion to come down to you for they fit me as tightly as an elastic stocking, and they are as comfortable as a carpet slipper; I can eat any thing with them baring bones and iron, and can masticate the food properly, therefore I can truly say that they are a first class, comfortable set of teeth. . . .

CHOOSE YOUR WEAPON!—A recent inquiry forwarded to us reads: "Which is better, prussic acid ointment or boracic?" The handwriting is apparently that of a well-educated person.

ENCHANTED!—A British chemist has received the following effusion from an address in West Africa:

SIR,—I have heard your name that you are one of the enchanted princes at your own city. Please sir; send me your Catalogue printed with your Magical book such as mind training book mind cured book power book Ring for Arithmetic and Pills. Try to remit the Catalogue as soon as this letter come's to hand, for I am anxious to send you my Postal order so soon that I will not wait for even two week.—Yrs faithfully . . .

THE FOLLOWING have been collected in the North: "Tuppence with of Collision Pills; accident salts; McKenna's salts; invisible soap; oil of sacrifice; no good alone." The "nearest to order" was supplied in each case.

Trade Report.

The prices given in this section are those obtained by importers or manufacturers for bulk quantities or original packages. To these prices various charges have to be added, whereby values are in many instances greatly augmented before wholesale dealers receive the goods into stock, after which much expense may be incurred in garbling and the like. Qualities of chemicals, drugs, oils, and many other commodities vary greatly, and higher prices than those here quoted are charged for selected qualities of natural products even in bulk quantities.

42 Cannon Street, E.C. 4, Nov. 18.

BUSINESS continues of quite a hand-to-mouth character in the chemical and drug markets, the downward tendency of prices being still apparent. It is difficult to give the values of many crude drugs in the open market, as the absence of business renders prices nominal, and sellers prefer to name a figure on application only. The auction held this week will, however, give a lead as to the actual position between sellers and buyers. The outstanding reductions of the week include a severe decline in liquorice juice, the stocks of which have accumulated. Juniper berries are easier. Japanese refined camphor is about steady. Menthol is easier on the spot, but prices for shipment from Japan have declined considerably. The large stock of menthol, mint oil, and camphor held by the banks for several months past overshadows these products. Balsam tolu is lower; lycopodium is still scarce and wanted. Canary seed is again lower; coriander is firm; and cumin and fennel seeds are lower. Shellac, linseed oil, and turpentine are also lower.

ANTIMONY.—The slackness of demand is as pronounced as ever, and an important reduction in the price of English refined is believed to be impending from the present fictitiously high price of 52*l.* per ton for good ordinary brands. Offers are made from the Far East for shipment at about 40*l.* c.i.f. Excessive stocks and adverse financial conditions in Japan have affected the market for some time past. Crude is still nominal at about 32*l.* to 33*l.*

BALSAM TOLU is about 6*d.* per lb. lower privately, sellers quoting 4*s.* per lb. In auction 10 cases were held at 3*s.* 9*d.*

CAMPHOR (REFINED).—Japanese slabs remain quiet, with spot sellers at 5*s.* 9*d.* per lb., and probably 5*s.* 7½*d.* in some quarters.

The exports from Japan during August amounted to 50,311 kin, valued at 170,355 yen. During the eight months ended August 31 they were as follows:

	To	1918 Kin	1919 Kin	1920 Kin
British India	...	317,293	37,819	331,458
Great Britain	...	344,641	101,682	126,299
France	...	31,465	93,025	25,942
United States	...	474,329	1,108,592	236,806
Australia	...	84,801	1,719	18,159
Other Countries	...	169,693	50,040	130,422
Kin	...	1,422,222	1,392,877	869,126
Yen	...	2,899,370	4,472,469	4,483,716

CANARY SEED is again lower at 155*s.* per quarter for good Morocco.

CINCHONA.—At the Amsterdam auction on November 10 1,271 bales and 89 cases Java pharmaceutical bark offered, weighing 68,143 kilos., and containing the equivalent of 1,787 kilos. quinine sulphate; of the foregoing quantity 358 bales and 31 cases, weighing 17,003 kilos., and containing the equivalent of 367 kilos., quinine sold at from 70*c.* to 175½*c.* per half-kilo. The first-hand stock at Amsterdam on October 20 consisted of 13,254 packages Java, 200 packages Ceylon, and 12 packages Bolivia. At the London auction on Tuesday 346 packages East Indian offered and about 250 sold at and after the sale, comprising natural officialis dusty chips at 1*s.* 4*d.* to 1*s.* 6*d.*, stem and chips at 1*s.* 3*d.*, hybrid chips 1*s.* 4*d.*, dusty small chips 1*s.* 1*d.*, and dust 6*d.*; Succirubra stem chips, 1*s.* 2*d.* to 1*s.* 3*d.*

CLOVES remain dull, with sellers of Zanzibar at from 1*s.* 5*d.* to 1*s.* 6*d.* per lb. on the spot as to quality, and at 1*s.* 1*d.* c.i.f. for October-December shipment.

COCOA BUTTER is 1*d.* per lb. cheaper, with sellers of prime English at 2*s.* 2*d.* per lb. in lots of not less than one ton. At auction 35 cases Brazilian were bought in at 2*s.* 1*d.* per lb. in bond.

COD-LIVER OIL is quoted at 235*s.* per barrel c.i.f. for a leading brand of finest Norwegian to arrive. In the drug auction 8 barrels finest Lofoten (Aarsaether's brand) were held for 265*s.* per barrel.

CORIANDER SEED is firm at 14*s.* per cwt. for wormy and 21*s.* for sound Morocco.

CUMIN SEED is difficult of sale, and the quotation is reduced to 30*s.* to 32*s.* 6*d.* per cwt. for fair Morocco according to quantity.

EGG PRODUCTS are lower. Chinese prime hen-yolk is offered at 70*s.* per cwt. for old, 95*s.* for new, and at 90*s.* c.i.f. for December-February shipment. Dried yolk is 7*d.* per lb. on the spot, sprayed whole egg 1*s.* 3*d.*, and native dried whole 8*d.* per lb. spot. Prime hen albumen is 2*d.* lower at 4*s.* 5*d.* per lb. on the spot, and December-January shipment is 4*s.* 2*d.* c.i.f.

ELEMI.—The *Mulpua* has brought 139 cases from Manila.

FARINA shows little demand, Japanese No. 1 offering at 27*s.* 6*d.* per cwt. and January-March shipment is quoted at 25*s.* c.i.f.

FENUGREEK SEED is lower at 12*s.* 6*d.* to 13*s.* per cwt. for fair Morocco.

HENBANE LEAVES are selling at from 1*s.* 11*d.* to 2*s.* per lb. for good green quality.

JUNIPER BERRIES are easier, fair Italian on the spot offering at 23*s.* per cwt.

LINSEED is easy, and good quality can be bought at 36*s.* per cwt. on the spot.

Easier		Lower	
Acetic acid	Menthol (spot)	Acetanilide	Ionone
Anise, star, oil	Mint oil (Jp.)	Albumen	Lime, acetate
Bergamot oil	Pepper	Aloes, Cape	Linseed
Bleaching powder	Potash	Ammon brom.	Linseed oil
Cajuput oil	Potash bichromate	Annatto seed	Litharge
Cassia oil	Potash caustic	Areca	Liquorice ju'ce
Citric acid	Potash permang.	Aubepine	Menthol (c.i.f.)
Cloves (c.i.f.)	Quinine	Balsam tolu	Methyl
Cocoa butter	(seconds)	Benzoic acid	anthranilic
Copper sulphate	Salicylates	Benzyl acetate	Methyl
Cottonseed oil	Soda	Bois de rose	salicylate
Farina (Jp.)	bicarbonate	(Femelle) oil	Methyl
Gingergrass oil	Soda diethyl-	Bromstyroil	sulphonol
Juniper berries	barbituric	Calamus oil	Mint oil
Lead acetate	Vanillin	Calcium lactate	Musk xylol
Mandarin oil		Calumba	Orange peel
		Canary seed	Orris (Mog.)
		Caraway oil	Oxalic acid
		Charolic acid	Phenazone
		Chloral hydrate	Phenol-
		Cod-liver oil	phthalein
		Coriander oil	Potash bromide
		Coumarin	Red and white
		Cream of tartar	lead
		Cresote, B.P.	Resorcin
		Croscote	Sal prunella
		carbonate	Saltpetre
		Cumin seed	Shellac
		Cuttlenish bone	Soda bromide
		Egg products	Soda sulphide
		Fenugreek seed	Squill
		Formaldehyde	Sulphonol
		Heliotropine	Tannic acid
		Hexamine	Tartaric acid
		Hydroquinone	Turpentine
		Honey	Terpineol (ford.)

Cablegram.

NEW YORK, November 16.—Business is quiet, and the following have been reduced. Resublimed iodine is now \$4.00 per lb.; iodoform is \$5.00, and potassium iodide \$3.00. Menthol is \$5.00 and peppermint oil in tins is \$6.00. Balsam Peru is \$2.60, formaldehyde 23*c.*, hexamine \$1.60, citric acid 53*c.*, and saccharin \$2.45 per lb.

London Markets.

AGAR-AGAR.—The exports from Japan during August amounted to 95,324 kin, valued at 138,133 yen. During the eight months ended August 31 they were as follows:

	1918	1919	1920
Kin ...	2,365,277	1,159,791	759,357
Yen ...	2,609,642	1,528,403	1,232,931

LINSEED OIL.—The demand has remained almost lifeless, being doubtless kept back largely on account of the pessimistic feeling which has got hold of most produce markets, although the market is not confronted with any large holdings in crushers' hands. London closes at 55 $\frac{1}{2}$ s., naked, and Hull at 54 $\frac{1}{2}$ s., being about 8 $\frac{1}{2}$ s. lower on the week. Seed being also much cheaper, prices for the by-product have collapsed to a considerably lower level. The export demand is now poor. The exports last month were only 3,195 tons, against 8,858 tons in the same month last year, making a total of 43,369 tons for ten months, against 60,467 tons for the same period in 1919.

LIQUORICE JUICE shows a sharp decline owing to accumulated stocks. Finest Italian block liquorice is offered at from 165s. to 170s. per cwt., with one holder quoting 195s. Spanish (guaranteed 80 per cent. soluble in cold water) can be had at 150s. per cwt.

LYCOPodium continues extremely scarce and obtainable in limited quantity only at 21s. per lb.

MENTHOL has been slightly easier on the spot, with sales of Kobayashi-Suzuki at 28s. per lb.; to arrive, December-January shipment is quoted at 17s. c.i.f.

The exports from Japan during August amounted to 30,594 kin, valued at 404,300 yen. During the eight months ended August 31 they were as follows:

	1918	1919	1920
Kin ...	200,473	185,830	335,807
Yen ...	1,230,267	1,823,958	5,137,260

MERCURY.—The tendency continues fairly steady, although a little uncertain, current quotations being 15 $\frac{1}{2}$ s. to 16 $\frac{1}{2}$ s. per bottle.

MYRRH.—Eleven bags of good small pale picked Aden were held for 15 $\frac{1}{2}$ s. per cwt. in the drug auction.

OLIVE OIL is one of the few oils that keep steady, finest edible French offering at about 22s. per gal.

PEPPER is dull and prices easy, fair black Singapore selling on the spot at 5 $\frac{1}{2}$ d. per lb.; November-January and January-March has been sold at 5 $\frac{3}{4}$ d. c.i.f.; Lampong is 5 $\frac{1}{2}$ d., Tellicherry at 7 d., and Aleppy 6 $\frac{1}{4}$ d. per lb., all spot. White pepper is easier, fair Muntok having been sold at from 1s. 1 $\frac{1}{2}$ d. to 1s. 1 d.; November-January and January-March shipment has been sold at 10 $\frac{1}{2}$ d. per lb. c.i.f. Singapore is 1s. 1 d., and the value of January-March shipment is 10 $\frac{1}{2}$ d. per lb. c.i.f.

PIMENTO is dull, with spot sellers at 3 $\frac{3}{4}$ d. per lb.

SAFFRON.—Owing to the depression in Spanish currency, buyers are for the present able to obtain new crop at the prices at which old crop left off. The position in regard to the yield is, however, substantially as reported last week.

SAL PRUNELLA.—English makers' prices are: Large balls, 112s.; medium, 132s.; small, 152s. per cwt.; pea size (unpicked), 176s.; pea size (picked), 232s.; prunella cubes, 248s. per cwt.; in 2-cwt. casks, 1s. per cwt. less. Prunella cakes are 20s.; powdered, 22s. 6d.; and purified nitre needle crystals, 30s. per cwt. more than the price of crystals. The above prices are for 1-cwt. lots and upwards; smaller quantities will be charged extra.

SENEGA.—The *Maine*, from New York, has brought 21 bales. Spot holders quote 7s. 3d. per lb.

SHELLAC is lower, the spot market having declined about 65s. per cwt., usual standard TN Orange quality offering at 545s. per cwt.; fine second Orange is about 20s. cheaper at 640s.; pure bottom is 700s.; Kala, 400s.; and AC cakey 485s. The delivery market is also lower, with considerable fluctuations, the sales including December at from 515s. to 460s. to 495s. At auction 563 cases mostly fine Orange grades sold at much lower prices without reserve, including good to fine second Orange at 570s. up to 630s.; free dark small livery, 500s. to 505s.; 85 bags without reserve sold at 545s. to 550s. for free to matted dark reddish TN, and at 500s. to 510s. for free to matted dark livery.

STICKLAC.—At auction 60 cases good free Siam sold at 285s. per cwt.

STRAMONIUM LEAVES remain firm at from 165s. to 170s. per cwt. for French and Austrian.

TURPENTINE has continued in a disturbed state owing largely to the erratic movements in the American exchange, while trade buyers have for the time being entirely

lost confidence in the market in view of the recent heavy fall. On the week, price has declined about 12s. per cwt., closing at 105s. Continental spirit, including French and Portuguese, having been offered cheaply, this, together with the fact that the American exchange is decidedly against importers of the American product, has much interfered with business. The London stocks have again decreased, chiefly owing to light imports. The total imports last month were 1,119 tons, making an aggregate of 14,735 tons for ten months, as compared with 21,655 tons in the same period last year.

WAX, VEGETABLE.—The exports from Japan during August amounted to 68,968 kin, valued at 28,776 yen. During the eight months ended August 31 they were as follows:

	1918	1919	1920
Kin ...	6,124,736	978,728	510,891
Yen ...	1,978,340	409,669	260,924

London Drug-auctions.

Commercial Sale Rooms,
Mincing Lane, E.C. 3, November 18.

The next drug-auction will be held on January 20, 1921, and from that date at intervals of four weeks.

A PERIOD of twelve weeks having elapsed since the previous auction (August 26), there was of necessity a large accumulation of drugs on offer, the supply constituting a "record" within the past twenty-five years. The demand was poor throughout, and, where business was effected, the tendency of prices was downwards. Annatto seed sold cheaply; areca is obtainable at lower prices, and Cape also declined. Balsam tolu is cheaper, Fine Sumatra benzoin was steady, realising valuations. Croton seed, cardamoms, coca leaves, calumba, cubebs, and cassia fistula were all brought in. Reboiled dragon's blood is steady; gamboge failed to sell. Honey met with an irregular decline, with very limited demand. Ipecacuanha was quite neglected and tended lower. Kola, myrrh, oilanum, Florentine and Morocco orris were quite neglected. Orange peel was forced off at a low figure. High-dried, horny rhubarb realised lower prices without reserve. Grey Jamaica sarsaparilla was about 3d. per lb. cheaper. The bulk of the new-crop Tinnevely senna was brought in. Squill sold cheaply; turmeric and tamarinds sold without reserve at lower rates. Beeswax was neglected.

	Offered	Sold		Offered	Sold
Aecroides ...	21	0	Chamomiles ...	57	0
Agar agar ...	4	0	Chiretta ..	28	0
Agaric, yellow ...	11	0	Cinchona ...	89	35*
Ajowan seed ...	32	0	Cinnamon bark (bgs.)	647	0
Alkanet root ...	11	0	Cinnamon-leaf oil	25	0
Almonds... ..	67	0	Coca-leaves ...	196	31
Aloes—			Cochineal ...	9	0
Cape ... (cs.)	163	10	Cod liver oil (Lof.)	8	0
Curacao ... (pkgs.)	68	7	Colchicum corm.	5	0
East India ... (bgs.)	10	0	Colocyth ...	4	0
Zanzibar ... (cs.)	3	0	Condurango ...	82	0
Ambergris ... (oz.)	304	3 $\frac{1}{2}$	Copaiba ...	37	0
Ammoniacum ...	9	0	Croton-seed ...	131	0
Anise ...	25	0	Cubebs ...	77	0
Anise, star ... (cs.)	263	0	Cutch ...	50	50
Annatto-seed ...	212	5 $\frac{1}{2}$	Cuttlefish-bone	381	14
Areca ...	113	0	Damiana leaves	10	0
Argol ...	24	0	Dill seed... ..	292	0
Asafetida ...	20	0	Dragon's-blood	64	1
Balsam Peru ...	7	0	Elder flowers and tops	38	0
Balsam tolu ...	48	0	Elemi ... (cs.)	196	0
Basil oil, sweet... (cs.)	3	0	Ergot ...	16	0
Belladonna leaves	45	0	Eucalyptus oil...	10	0
Belladonna root ...	5	0	Eucalyptol ... (tins)	124	0
Belladonna stems	1	0	Euonymus bark	2	0
Benzoin—			Euphorbium gum	128	0
Palembang ...	125	8*	Euphorbia pil...	35	0
Siam ...	59	0	Fennel-seed ...	113	0
Sumatra ...	204	46	Frangula-bark...	57	0
Black-haw-bark	10	0	Galls (Ch.) ...	69	0
Calamus root ...	7	0	" (Pers.) ...	199	101
Calumba... ..	1648	0	Gambier (cubes)	8	0
Camphor (Ch. cr.)	22	0	Gamboge ...	37	0
Camphor (Jp. ref.)	10	0	Guaiacum ...	36	4
Cannab. ind. (B'bay tops)	4	0	Guaiacwood oil (cs.)	2	0
" (Amer.)	7	0	Guarana ...	8	0
Cardamoms ...	944	13	Gum acacia ...	33	0
Cardamom seed oil	1	0	Gum karaya ...	100	0
Cascarilla (sifts)	10	0	Gurjun oil ... (drms.)	50	0
Cashew-nuts ... (cs.)	230	0	Henbane (Egy.)	135	0
Cassia fistula ...	179	1	Henna ...	77	0
Ceraidilla ...	73	0			

* Sold privately.

Offered Sold		Offered Sold	
Honey—		Rhubarb (Ch.) ...	
African ...	81 ... 0	Rosemary leaves ...	182 ... 12
Australian ...	69 ... 0	Rose oil ...	79 ... 0
Brazilian ...	42 ... 0	... (bott.) ...	1 ... 0
Californian ...	170 ... 0	Saccharin ...	(pkg.) 74 ... 0
Cuban ...	161 ... 46	Saffron ...	(tins) 5 ... 0
Honolulu ...	49 ... 0	Sage leaves ...	72 ... 0
Jamaica ...	705 ... 34	Salep ...	1 ... 0
New Zealand ...	211 ... 20	Sandarac ...	13 ... 0
Porto Rico ...	36 ... 0	Sarsaparilla—	
San Domingo ...	146 ... 13	Grey Jamaica ...	108 ... 17
St. Lucia ...	85 ... 39	Honduras ...	83 ... 8
West Indian ...	123 ... 40	Lima ...	22 ... 0
Insect powder ... (cs.)	4 ... 0	Mexican ...	16 ... 0
Ipecacuanha—		Native Jam. ...	110 ... 8
Cartagena ...	11 ... 0	Sassafras bark ...	10 ... 10
East Indian ...	31 ... 0	Scammony root ...	14 ... 0
Matto Grosso ...	87 ... 4	Scopolia root ...	82 ... 0
Minas ...	42 ... 0	Senna and pods—	
Kamala ...	26 ... 0	Alex. ...	82 ... 0
Kino ...	2 ... 0	Timnevely ...	857 ... 60
Kola ...	90 ... 9	Shellac ...	4 ... 0
Lemon peel ... (bls.)	9 ... 0	Simaruba ...	4 ... 0
Lime juice ...	11 ... 0	Squills ...	123 ... 15
Lime oil (W.I.) ...	6 ... 0	Squillanthus ...	16 ... 0
Liquorice juice ... (cs.)	18 ... 0	Talc powder ...	228 ... 0
Liquorice root ... (bls.)	22 ... 0	Tamarinds—	
... (tons)	2 ... 0	East Indian ...	179 ... 20
Lobelia ...	3 ... 0	West Indian ...	74 ... 0
Mandarin oil ...	4 ... 0	Tonka beans ...	13 ... 0
Manna ...	14 ... 0	Tragacanth ...	181 ... 5
Mastic ...	13 ... 0	Turnerie ...	72 ... 100
Matico ... (bls.)	4 ... 0	Uva ursi leaves ...	3 ... 3
Mint, rubbed ... (bls.)	3 ... 0	Valerian ...	1 ... 0
Mint oil ...	4 ... 4	Violet flowers ...	2 ... 0
Musk pod ... (oz.)	8 ... 0	Wax (bees)—	
Musk seed ...	10 ... 0	Abyssinian ...	58 ... 0
Myrrh ...	225 ... 2	Algerian ...	39 ... 0
Nux vomica ...	41 ... 0	Cape ...	60 ... 0
Olibanum ...	390 ... 0	East African (various) ...	207 ... 0
Orange oil ... (cs.)	39 ... 0	East Indian ...	408 ... 0
Orange peel ...	90 ... 17	Jamaica ...	4 ... 4
Orris (Flor.) ...	186 ... 0	Madagascar ...	41 ... 0
... (Mog.) ...	27 ... 0	Mozambique ...	20 ... 0
Peppermint leaves ...	22 ... 0	West Indian ...	3 ... 0
Pine kernels ...	25 ... 0	Zanzibar ...	85 ... 0
Pistachio nuts ...	45 ... 0	Wax, Various ...	(9) ... 0
Papain ...	13 ... 0	Wild-cherry bark ...	10 ... 0
Poppies ...	15 ... 0	Witch-hazel bark ...	7 ... 0
Quinine sulph. ... (oz.)	500 ... 0	Witch-hazel leaves ...	21 ... 0
Rhapontica root ...	32 ... 0	Wormseed (bgs.) ...	17 ... 0
Rhatauy ...	20 ... 0	Wormwood herb ...	11 ... 0

The Late Mr. Figgis.

At the close of the first sale Mr. Andrew Devitt (Lewis & Peat, Ltd.) made sympathetic reference to the death of the late Mr. Samuel Figgis, with whom he had been associated at one time. Mr. E. A. Webb, in proposing that a vote of condolence from the drug-trade be sent to the widow and family, said he had had the pleasure of knowing Mr. Figgis for fifty years, and had always found him genial and pleasant. Mr. Otto Ziegel seconded, and the motion was passed in silence, the audience upstanding.

ALOES.—Cape was cheaper, ten cases of good firsts (20 per cent. tares) selling at 70s. per cwt., subject to sellers' approval. Seven boxes dull caper Curaçao sold at 65s. per cwt.

AMBERGRIS.—Two parcels (30½ oz.) sold at 80s. and 90s. per oz.

ANNATTO SEED.—A lot of 56 bags fair East Indian sold without reserve at from 1½d. to 2½d. per lb., being cheap.

ARECA.—Good bold East Indian were obtainable at 35s. per cwt.

BALSAM PERU.—Three cases, containing 65 per cent. cinnamon, were held at 17s. per lb.

BENZOIN.—Sumatra realised valuations, seven cases of fine firsts, packed with small almonds such as is seldom seen, realising from 13l. to 13l. 5s. per cwt, one case going at 12l. A string of 35 cases sold at 9l. per cwt. for fair seconds with small to bold white almonds, and from 7l. 5s. to 8l. for ordinary seconds. Two cases of middling seconds, country cut, sold at 95s.

CALUMBA.—The offerings included a parcel of 363 bags without reserve, but no bid was made. Privately good sorts have been sold at 30s. per cwt.

CARDAMOMS failed to sell. A single case of good bold pale Ceylon Mysore realised 5s. 6d., and for five cases of medium to bold pale Indian 4s. 9d. was paid; tiny pale sold at 3s., and various lots of grey to fair seed sold at from 2s. to 2s. 3d.

CINCHONA.—In the drug-auction 23 bales of partly fair, part silvery, Guayaquil were offered at 1s. 6d. per lb., but there were no bids.

CROTON SEED.—Several parcels of fair Ceylon quality were limited at 50s. per cwt.

CUTCH.—Fifty cases Rangoon of various marks sold without reserve at from 20s. to 27s. 6d. per cwt.

CUTTLE-FISH BONE is lower, 14 bundles of fair bold East Indian sorts selling at 6d. per lb., at which private sales have been made.

DRAGONS' BLOOD is steady, a single case of reboiled Singapore lump, all that offered, selling at 29l. per cwt. Picklings from reboiled were bought in at 29l. also. Dull ricey lump were bought in at 16l., common ricey at 12l., and dull slabs at from 12l. 2s. 6d. to 14l. 5s.

ERGOT.—Twenty cases have arrived from Lisbon to London per *Oder*. In the drug-auction several small lots of greyish Portuguese and Spanish were held at 10s. 6d. to 11s. per lb.

GALLS.—A number of parcels aggregating 101 bags Persian sold without reserve, for account of whom it may concern, at from 61s. up to 90s. per cwt.

GUAIACUM.—Four cases of good glassy lump sold at 5s. 3d. per lb.

GUM ACACIA.—For 17 bags of fair Ghatti 80s. per cwt. was wanted.

GURJUN OIL.—Fifty drums were limited at 2s. 5d. per lb.

HONEY met with an irregular decline, with only a limited demand. Of 486 barrels Jamaica offered, eighteen sold at from 71s. to 80s. for pale set; eight barrels amber set realised 60s. Of 146 barrels San Domingo, a few sold at 75s. for pale set, 60s. for amber set, and 42s. 6d. for partly fermenting. Of Cuban, 161 casks offered and thirty-one sold, including very pale liquid at 72s. and pale amber setting at 75s. to 80s. Of New Zealand, 211 cases offered and twenty sold at 55s. for straw set. Eighty-eight cases West Indian offered (St. Lucia) and sold at 57s. 6d. to 62s. 6d. for liquid to setting amber and pale set.

IPECACUANHA was cheaper, four bales Matto Grosso, partly water damaged, selling at from 10s. to 10s. 6d. per lb. Good sound was held at from 13s. to 14s., and Minas at 15s. A lot of 31 bales fair East Indian, all more or less greyish, was held at 10s. per lb.

KOLA.—Nine bags from the Cape sold at 4½d. per lb. for good bright, and badly damaged at from 1d. to 3d. West Indian was obtainable at from 5½d. to 6d. per lb.

LIQUORICE ROOT.—Twenty bales of fair natural Spanish were held at 40s. per cwt.

ORANGE PEEL was forced off at lower prices, 12 cases of fair strip selling at 7d. per lb. without reserve.

PISTACHIO NUTS.—Five cases fair sold at 4s. 8d. per lb., subject to seller's approval.

RHUBARB.—Only "without reserve" lots sold, comprising 8 cases of medium to bold round horny High-dried, with two-thirds greyish fracture and one-third dark, at 3s. to 3s. 1d., and for 3 cases medium to bold flat High-dried, with three-quarter greyish pinky fracture, 5s. 2d. was paid. A single case of fine small to medium round Shensi with three-quarter good pinky fracture, sold at 9s. per lb. under usual conditions.

SARSAPARILLA was about 3d. cheaper for grey Jamaica, 20 bales selling at 2s. 9d. to 2s. 10d. per lb. for slightly mouldy, and 2s. 4d. for mouldy; good sound was held at 3s. 3d. Four bales native Jamaica sold at 2s. per lb., and 8 bales slightly mouldy Honduras realised 3s. per lb.

SASSAFRAS BARK.—Ten bags sold without reserve at 1s. 3d. per lb.

SENNA.—New crop Tinnevely offered, of which a few sales were made, including small yellowish mixed and dark leaf at 5d. to 5½d. per lb. subject. Small to bold greenish was held at 8d. Good palish *pods* sold at from 4½d. to 5d., and slightly damaged at 4d.

SQUILL.—A lot of 15 bags sold without reserve, comprising 14 bags fair pale, slightly grease damaged, at 35s., and one bag, badly stained, at 20s. per cwt.

TAMARINDS.—Twenty casks black East Indian sold without reserve at 20s. per cwt.

TURMERIC.—A parcel of 100 bags fair Madras finger, part bulby, sold at from 26s. to 27s. 6d. per cwt., without reserve.

UVA URSI LEAVES.—Three bales sold without reserve at 3½d. per lb.

WAX, BEES'.—Jamaica was steady, four packages selling at 11l. 10s. and inferior at 10l. 15s.

Pharmaceutical Chemicals.

THIS group remains inactive, and further reductions in value have to be recorded. Germany appears to be setting the pace in making offers of many pharmaceutical chemicals at very low prices, with the avowed object of driving English makers out of business. At the moment the United States has receded into the background so far as imports and buying from this source are concerned. Among the lower-priced products are acetanilide, benzoic acid, salicylates, bromides (all salts), calcium lactate, cresote carbonate, hexamine, hydroquinone, quinine sulphate, phenacetin, phenazone, phenolphthalein, resorcin, methyl sulphonal, sulphonal, chloral hydrate, and sodium diethylbarbituric.

ACETANILIDE is slightly easier at from 2s. 9d. to 3s. per lb., according to quantity and buyer.

BENZOIC ACID ex toluol can be had at 2s. 6d. per lb. on the spot.

BROMIDES.—It is common knowledge on the market that for some time past potassium crystals of B.P. quality have been purchased by distributors at from 10½d. to 1s. per lb. in fair wholesale quantities. At these prices the margin of profit, if any, is extremely small, and in some instances involves a loss. The fact that banks withhold the usual financial assistance leads to forced sales among weak holders. On the other hand, some of the large chemical dealers have consistently refused to sell at these prices, and quote up to 1s. 3d. in small lots. The forward tendency of prices from Germany, owing to the improvement in the exchange, makes the position somewhat steadier. Sodium bromide is cheaper at 1s. 4d., and ammon. can be had at 1s. 6d. per lb.

CALCIUM LACTATE is again cheaper, offering at from 3s. 9d. to 4s. per lb.

CHLORAL HYDRATE has declined to about 5s. 6d. per lb. for duty-paid crystals.

CITRIC ACID is flat and lower at from 3s. to 3s. 3d. per lb.

CREAM OF TARTAR can still be had at 200s. per cwt. for B.P. quality, which is considerably below the cost of manufacture in this country. Very low offers continue to be made by Germany.

CREOSOTE, B.P., has declined about 2s. per lb. to 5s. 6d. **CREOSOTE CARBONATE** is being offered down to 20s. per lb. on the spot.

HEXAMINE.—Competition is very keen, with prices varying from 8s. 6d. to 9s. 6d. per lb. on the spot.

HYDROQUINONE is lower at from 7s. to 7s. 6d. per lb. on the spot.

METHYL SULPHONAL is about 2s. per lb. cheaper at 28s. per lb.

MILK SUGAR.—Finest Dutch powder is offering at 175s. per cwt. on the spot, and slightly less for quantity; 280 packages have arrived from Holland and Germany this week, principally on consumers' account.

PHENACETIN has been selling at about 12s. per lb., and for quantities slightly less would be taken.

PHENAZONE is weaker, and even the quotation of 10s. 6d. per lb. could be eased.

PHENOLPHTHALEIN has declined, the spot value of B.P. quality being about 7s. 6d. per lb.

POTASH IODIDE.—The exports from Japan during August amounted to 1,104 kin, valued at 7,598 yen. During the eight months ended August 31 they were as follows:

	1918	1919	1920
Kin	128,897	69,946	13,841
Yen	775,543	452,103	118,096

Of crude iodine, 377 kin, valued at 3,656 yen, were exported during August, and the exports for the eight months ended August 31 were:

	1918	1919	1920
Kin	50,171	16,126	110,763
Yen	313,595	108,190	80,606

QUININE.—Arrivals amounting to 240,000 oz. have taken place from Java, which come to a somewhat depressed market. Second-hands quote sulphate at below 4s. per oz. Makers' price is unchanged at 4s. 1d. The American makers' has been reduced to 70c. per oz., and in second-hands about 65c. is quoted. In the drug auction 5,000 oz. Java sulphate were offered, but no response was made to a suggestion of 3s. 10d. per oz.

The Board of Trade returns for September give the following figures:

	1913	1919	1920
	Oz.	Oz.	Oz.
October imports	162,588	19,016	42,130
Jan.-Oct. "	1,974,066	4,959,424	3,192,067
October exports	135,685	330,269	205,467
Jan.-Oct. "	1,190,941	1,431,920	2,567,599
October re-exports	6,388	43,515	13,978
Jan.-Oct. "	289,502	2,144,854	436,366

RESORCIN has been in fair demand, B.P. quality selling up to 12s. 6d. per lb.

SALICYLATES.—Offers from Germany at low prices give a weak and depressed tone to this market. Spot salicylic acid powder can be had at 2s. to 2s. 2d. per lb., and slightly less for quantity. Sodium salicylate is quoted at from 2s. 10½d. to 3s. for finest quality powder, and slightly less for quantity. 120 cases of sodium salicylate have arrived from Paris.

SANTONIN.—The following prices were officially fixed on November 17: Fifty-kilo. lots, 43l. per kilo.; 25 kilos., 45l.; 10 kilos., 47l.; and 5 kilos., 49l. per kilo. net cash.

SILVER NITRATE.—The prices on November 17 for crystals, based on a metal price of 51½d. per oz., were as follows: In quantities of 50 oz., 3s. 1¼d. per oz.; 100 oz., 3s. 0¾d. per oz.; 250 oz., 3s. 0¼d. per oz.; 500 oz., 2s. 11¾d. per oz.

SULPHONAL is again cheaper at about 27s. 6d. per lb.

TARTARIC ACID is again lower, and spot business can be done at 2s. 1½d. per lb.

Heavy Chemicals.

London, November 17.

THERE are isolated instances that business is improving, but generally there is no sign of an improvement in either the amount of sales or the tone of the market. Salts continue in good demand, and fairly heavy tonnage has been sold for export to Scandinavia. Further reductions in the values of a number of products are reported. Formalehyde is down to as low as 200l.

ACETIC ACID has eased during the week, and only small business is being done at the present quotations of 90l. for glacial and 77l. for pure 80 per cent.

ACETONE remains steady on a quiet market at about 100l. per ton.

ALUM in bags is quieter, with values about the same at 20l. for lump.

ARSENIC.—Buyers seem disposed to wait for lower prices, and the demand is chiefly held up, current quotations varying between about 75l. to 77l. per ton for white Cornish delivered London or Liverpool. There has been lately a Continental inquiry for red arsenic, the value of which is about 75l.

BARIUM CHLORIDE is dull at about 24l. per ton.

BARYTES is steady, with only small business, at from 6l. 10s. to 15l., according to quality.

BLEACHING POWDER is not moving much, and has fallen to about 26l. for 35 per cent. material owing to low c.i.f. quotations from the Continent.

BORAX POWDER AND CRYSTALS at about 41l. is in fair demand.

CITRIC ACID is again weaker and quoted at 3s. 2d., but with only limited inquiry.

COPPER SULPHATE.—The market has been featureless and prices are again easier, due to the want of a sustained demand. Liverpool f.o.b. terms stand at about 40l. 10s. to 41l. 10s. for casks, less 5 per cent. The position seems affected by the further considerable fall in copper due to generally adverse financial and industrial conditions.

EPSOM SALT is in occasional demand at about 10l. for commercial in bags.

FORMALDEHYDE has again fallen to about 205l.; ample stocks are held, but there is no life in the market, and

Continental offerings are also tending to weaken the market.

GLAUBER SALT is not in good demand, and is offered at about 8*l.* 10*s.* per ton.

LEAD ACETATE is a quiet market, and the values have eased somewhat; brown broken at 70*l.*, and white crystals at 76*l.*

LEAD PRODUCTS.—Red lead and litharge have been reduced 10*s.*, prices being 56*l.* for 5 tons and over and 57*l.* 10*s.* for lots under 5 tons for the home trade and export. Dry white lead is 20*s.* cheaper at 63*l.* 10*s.* for the home trade and 62*l.* 10*s.* for export, while the export quotation of white lead in oil shows a reduction of 35*s.* a ton to 70*l.* 10*s.* f.o.b.

LIME ACETATE is lower and quiet, with 80 per cent. grey at 28*l.* per ton.

OXALIC ACID is available, but there is a small demand for offerings at about 1*s.* 9*d.*; the market has fallen and is unsteady.

POTASH BICHRIMATE has dropped to 1*s.* 4*d.* and is not in much demand, the Continent offering at 1*s.* 3½*d.* c.i.f. prompt.

POTASH CAUSTIC is only in small demand and has weakened during the week to about 85*l.* to 90*l.*; the market is unsteady owing to Continental offerings.

POTASH PERMANGANATE is very unsteady, quotations varying, with commercial at from 3*s.* to 3*s.* 3*d.* per lb.; there is not much inquiry.

POTASH PRUSSATE.—Yellow is inert and red is also quiet; quoted at 1*s.* 9*d.* and 3*s.* per lb. respectively.

SAL-AMMONIAC is in small demand only, and supplies are coming forward from the Continent; fine white crystals 98 to 100 per cent. are offered at about 55*l.*

SALTCAKE is one of the few bright spots on the market, and continues in quite good demand at about 17*l.* per ton in bulk.

SALTPETRE.—English refiners of Bengal saltpetre have reduced their prices, and now quote 5-cwt. lots and upwards as follows: crystals or granulated 1-cwt. bags, 74*s.* 6*d.*; 2-cwt. bags, 73*s.* 6*d.*; powdered ditto, 1-cwt. bags, 76*s.* 6*d.*; 2½-cwt. casks, 75*s.* 6*d.*; for quantities of less than 5 cwt. 6*d.* per cwt. extra will be charged; discount, 10 per cent.

SODA BICARBONATE remains unchanged and quiet at about 12*l.* for refined material and 11*l.* for mineral water.

SODA BICHRIMATE has again eased a little and is now obtainable at about 1*s.* 1*d.*; some offering a little lower.

SODA CAUSTIC is dull and the market is unsteady; quotations vary from 28*l.* 10*s.* up to 31*l.*; very little inquiry is being received.

SODA CRYSTALS in single bags carriage paid offer at 7*l.*, with a fair demand.

SODA HYPOSULPHITE.—On the spot prices down to about 33*l.* per ton are mentioned, but there is not much to be had at this price. Contracts which were made at 35*l.* are still running, and a further decline will in some cases involve importers in substantial loss.

SODA PRUSSATE is quiet, with values unchanged at about 1*s.* 1½*d.* per lb.

SODA SULPHIDE is lower and obtainable at about 41*l.* for 60 to 62 per cent.; there is very little movement in the market. Anhydrous, 60 to 62 per cent., is also inert at about 44*l.*

ZINC PRODUCTS.—Zinc ashes remain the same as last week as regards price, with the market still on the quiet side, offered at 8*l.* to 9*l.* per ton for 70 per cent. Zinc Dust. Last week's prices and remarks can be taken as the present state of the market. Zinc Chloride is also unchanged at about 50*l.* Zinc Oxides remain quiet, with prices for the different qualities on the same level as last week.

The coal-tar products market continues unusually quiet, and the only changes to record are further declines in a few products. Resorcin has fallen in values from about 14*s.* last week to 12*s.*, and is very quiet. Solvent naphtha is a little easier, both grades being a little lower in price and quiet; quoted to-day at 3*s.* 3*d.*

and 3*s.* 2*d.* per gallon. Creosote oil is weaker at about 1*s.* 4*d.* per gallon against 1*s.* 5*d.* last week. Carbolic acid crystals have dropped a penny down to 10*d.* per lb. Cresylic acid has fallen during the week, and is now quoted at 4*s.* 6*d.* for 97 to 99 per cent, and 3*s.* 9*d.* for crude. The following are about the same as last week, with but small business. Aniline oil at 1*s.* 9*d.* per lb. Aniline salt about 2*s.* per lb. Betanaphthol at 3*s.* per lb. is quiet, and inclined to go still lower. Benzol is fairly steady, with little inquiry, at 4*s.* 6*d.* for pure and 3*s.* 6*d.* for 50%. Toluol and xylol remain unchanged and quiet at 3*s.* 9*d.* and 5*s.* 6*d.* respectively. Naphthaline is quiet, very little business being recorded. Values in all grades remain about the same: Crude, 14*l.* to 24*l.*; powder, 51*l.*; balls, 65*l.* per ton. Disinfectants are quoted at 4*s.* 6*d.* per gallon and quiet. Pitch remains at 12*l.* per ton with no demand. Coal-tar in barrels at about 4*l.* 15*s.* is steady and quiet.

Essential Oils.

THE volume of actual business continues to be very small, and dealers are disinclined to quote in the absence of buyers. Where sales are made prices are not, in some cases, disclosed, and it may be taken that buyers are able to satisfy their requirements below the actual market quotations. Among those quoted easier are star anise, bergamot, cajuput, cassia, gingergrass, and mandarin oils. A deeper decline has occurred in the case of bois de rose, calamus, caraway, coriander, and Japanese mint oils. Synthetic chemicals, which have been receding in value gradually for some time, show signs of a more rapid movement towards lower levels. There is little doubt that Germany is playing an important part in forcing sales at prices which may involve holders of stocks in considerable loss, notably in regard to coumarin and heliotropine.

ANISE (STAR) is easier, with spot sellers of "Red Ship" brand at 3*s.* 7½*d.* per lb.

BAY.—The cultivation of the bay tree is receiving a considerable amount of attention in the island of Montserrat. It has been fully demonstrated that the bay tree is a valuable crop plant on regularly established areas, and that it is a remunerative crop. It is stated that cultivation expenses of bay trees do not exceed 1*l.* per annum per acre, and that after deduction of expenses connected with reaping, distillation, and transport of the oil to London, the handsome profit of 33*l.* was obtained from the acre experimented with. The spot value is unchanged at from 26*s.* to 27*s.* per lb., according to origin.

BERGAMOT.—Spot quotations are on the easy side at 33*s.* to 34*s.* per lb. for 37 to 38 i.a. Forward quotations are lower; January-March shipment has been offered at 31*s.* per lb.

BOIS DE ROSE (FEMELLE).—French holders who bought well some time ago are now unloading, and good quality is offered for prompt shipment at 30*s.* per lb. On spot, dealers report very small demand, and lower offers are made at from 40*s.* to 45*s.* per lb. according to quantity.

CALAMUS is lower forward at 20*s.* per lb. c.i.f.

CAMPHOR.—Japanese essential white is still scarce on spot, and 225*s.* is reported to have been paid for small lots. Forward offers at 140*s.* per cwt. do not appear to attract much interest. Parcels afloat are quoted at 170*s.* and up to 180*s.* landed.

The exports from Japan during August amounted to 12,346 kin, valued at 14,957 yen. During the eight months ended August 31 they were as follows:

		1918	1919	1920
Kin	...	813,565	470,478	2,020,151
Yen	...	168,763	111,318	753,197

CAJUPUT.—Seasonal demands should be coming along, but dealers say that business is quite flat. Spot value is lower at from 3*s.* 4½*d.* to 3*s.* 6*d.* per lb.

CARAWAY.—Small demand is reported at lower prices. The spot quotations are 9*s.* per lb. for crude and 10*s.* for rectified.

CASSIA is slow of sale and easier, with spot sellers, and offers of 80-85 c.a. at 7s. 1½d.

CINNAMON.—Ceylon leaf is unchanged at 7½d. to 8d. per oz. for spot, and African is lower at 11s. per lb.

CITRONELLA is quite neglected, and the normal spot value is unchanged at 2s. 3d. for Ceylon and 4s. 9d. to 4s. 10½d. per lb. for Java.

CEARWOOD is firm, with spot holders quoting 4s. to 4s. 6d. per lb.

CORIANDER.—Foreign oil is cheaper at 80s. to 100s. per lb. for spot. Forward offers are being made at considerably below these figures.

GERANIUM.—Spot sales have been made at 41s. per lb. for Bourbon, in small lots. Prompt shipment from Reunion is quoted at 37s., and from Marseilles at 38s. 6d. Landing the price is given at 41s. Algerian is unchanged at 43s.

GINGERGRASS.—Bids of 18s. per lb. c.i.f. for "insoluble" would probably be accepted, but buyers at this price are not coming forward.

LEMON.—Open quotations place the value at about 5s. 3d. to 5s. 6d. per lb. for spot, but where actual business is done lower prices in some cases are being paid. Forward quotations are made around 5s. 3d. c.i.f.

Palermo on November 12 reports: The demand from abroad continues quiet, and as some parcels were in weak hands buyers have been able to obtain some reduction on previous prices. Foreign exchange rates have advanced considerably, and this has helped to make low offers in foreign currency possible.

MANDARIN is weak at 48s. to 50s. per lb. spot.

MINT.—Japanese dementholised is lower, with spot sellers of Kobayashi-Suzuki at 6s. to 6s. 3d. per lb.; for December-February shipment sellers quote 4s. 9d. c.i.f. In the drug auction 4 cases of reconditioned Kobayashi sold without reserve at 4s. 4d.

The exports from Japan during August amounted to 36,552 kin, valued at 93,834 yen. During the eight months ended August 31 they were as follows:

	1918	1919	1920
Kin	111,524	323,515	261,180
Yen	230,682	951,587	1,632,391

ORANGE.—Sicilian sweet is quite flat, and stocks in importers' hands are, in some cases, negligible owing to the uncertainty now prevailing. Nominal quotations for spot vary from 15s. to 17s. per lb. At the drug auction 12 cases of West Indian were bought in at from 15s. to 20s. for bitter and sweet.

Palermo on November 12 states: There has been some demand for prompt oil, and pressing being still limited, the tone of the market has improved, somewhat higher figures being paid during the last days.

PATCHOULI.—Some parcels of Java now being offered is said to be of poor quality. Good oil is said to be difficult to find at less than 80s. per lb., and holders are inclined to place the value at from 80s. to 81s.

PEPPERMINT.—American growers and distillers appear to be still holding the bulk of their oil for prices which are too high in the opinion of importers, who are showing reluctance in bringing the oil forward. Spot oil is quoted at 38s. to 40s. per lb., and afloat at 38s. To arrive, the price is about 36s. H.G.H. is easier at 63s., London terms.

Aromatic and Synthetic Chemicals.

AUBEPINE is cheaper on the spot at 22s. 6d. per lb. For BROMSTYROL 24s. spot is quoted, which is lower. BENZYL ACETATE is lower at 5s. per lb. spot. CINNAMIC ALDEHYDE on spot is lower at 11s. COUMARIN is weaker, and while spot holders are readily found at 20s. per lb. buyers seem confident of finding sellers at less. The forward price is less than 18s. in some cases. HELIOTROPINE has also declined, and 21s. per lb. is given as the price, but here again sellers at less are reported. To arrive, from 16s. to 17s. 6d. is quoted. IONONE of 100 per cent. purity is obtainable at 85s. per lb. spot. METHYL ANTHRANILATE is lower on spot at 21s. per lb., and to come forward from the Continent is quoted at 16s. METHYL SALICYLATE is cheaper, with spot at 3s. 6d. per lb. MUSK XYLOL is lower, with sellers down to 30s. per lb. spot, although some holders are still quoting around 40s. TERPINEOL is offered to come forward from the Continent at 3s. 6d. per lb. Spot holders are still quoting 4s. 6d. VANILLIN is easier at 60s. 6d. per lb. spot.

Italian Drug and Chemical Markets.

Owing to the continual social disturbances, the reduction of credit abroad, and the changes in prices, little business could be concluded with foreign countries during October, and what business was concluded in Italy itself was principally for goods on the spot, in which case very large profits could be made. There is no doubt, however, that the coming winter, which always marks a general recovery of work in Italy after the hot summer months, will bring a greater activity to the Italian drug and chemical markets. These will not only be better supplied than at present with national products, but will in all probability do more important business. The demand on the Italian markets for pharmaceuticals, drugs, chemicals, and intermediate products for manufacturing purposes was greater than ever during October, and many buyers were disappointed through not finding the products they needed, or through finding quantities offered too small.

THE FOREIGN EXCHANGE.—The foreign rate of exchange increased considerably during October, causing great uneasiness in all industrial and commercial spheres. There was a temporary improvement of Italian values, but it was spoiled, however, soon after by a further increase. In this way the English pound reached 92.00 lire at the end of the month, rising from 84.02 lire at the beginning; the U.S. dollar reached 27.50 lire from 24.13 lire; the French franc reached 1.72 lire from 1.60 lire; and the Swiss franc reached 4.18 lire from 3.87 lire. Owing to a reduction in the value of German and Austrian money values, such countries and their neighbours received demands for products that would otherwise have passed to England, the United States, or France. German dyestuffs and certain pharmaceutical products and chemicals monopolised the Italian markets during October. The first were distributed by a special commission to which all products are directed from Germany.

The prices of all drugs, pharmaceutical products, and chemicals rose further during October, to the great discomfort of consumers, this advance being due mostly to the suppliers speculating on the rise of the exchange rather than to the arrivals of foreign goods, which were scanty. The following are current quotations:

Pharmaceutical Products.

	Lire per 100 kilos.		Lire per 100 kilos.
Acetic acid, glac. ...	1,450	Cod-liver oil, medicinal ...	1,400 to 1,500
Acetone, pure ...	1,400 to 1,450	Glucose, 45° P.E. ...	525
" commercial ...	1,050	Glycerin, refined ...	825
Alcohol, denatured, 90° ...	850	" d.d.s.g. 1260 ...	980 to 1,000
Alcohol, denatured, 95° ...	1,950	Honey, white ...	700 ,, 800
Ammon. carb., lump ...	700 to 720	Hydrogen peroxide (10 vol.) ...	220
Ammonium chlor. lump (98-100) ...	800 ,, 850	Magnes. carb., lump ...	1,000
Ammonium chlor. lump (95-96) ...	800 ,, 820	Magnesium chloride ...	115 to 125
Antimony sulphide, lump ...	595 ,, 600	Magnesium sulph. ...	80 ,, 90
Antimony sulphide, powder ...	625 ,, 650	Naphthalene flakes ...	230
Boric acid, crystals ...	850 ,, 900	Oxalic acid, xtals. ...	2,300 to 2,400
" large flakes ...	950	Pot. chlorate, powder ...	500 ,, 510
Camphor tablets ...	9,000 to 9,100	Pot. chlorate, santonin xtals. ...	400 ,, 410
Carbolic acid, cryst., 35° to 40° C. ...	1,200 ,, 1,250	Potash permang. ...	2,500 ,, 3,800
Carbolic acid, liq., 95 p.c. ...	450 to 475	Quinine citrate ...	71,000 ,, 72,000
Castor oil, medicinal ...	1,050 ,, 1,100	Quinine sulphate ...	57,500 ,, 58,000
Ceresine, pure white ...	1,175 ,, 1,200	Soda pruss., yellow ...	890 ,, 910
		Soda salicylate, xtals. ...	4,750 ,, 4,800
		Soda sulph., anhyd., fused ...	130 ,, 140
		Sulphur, refined ...	120 ,, 125
		Vaseline, best white ...	1,100
		Wax, veg., Jap. ...	1,100 to 1,200
		" camaua ...	2,300 ,, 2,400

Heavy Chemicals.

	Lire per 100 kilos.		Lire per 100 kilos.
Ammonia sulphate ...	100 to 102	Soda carbonate (Amer. 98 to 100 p.c.) ...	148 to 158
Bleaching powder ...	180 ,, 200	Soda carbonate (Eng. 98 to 99 p.c.) ...	150
Borax crystals ...	600	Soda carbonate (French, 98 to 100) ...	150
Caustic potash (70 to 75 p.c.) ...	1,550 to 1,700	Soda caustic (76 to 78 p.c.) ...	355 to 360
Citric acid ...	3,550 ,, 3,800	Soda caustic (70 to 72 p.c.) ...	350 ,, 360
Cream of tartar ...	1,800	Soda crystals ...	150
Formic acid (80 to 85 p.c.) ...	780 to 800	Soda hyposulphite ...	175 to 200
Hydrochloric acid, 20 to 21° P.E. ...	55 ,, 65	Soda silicate, 140° Tw. ...	170 ,, 188
Lead carbonate ...	525 ,, 550	Soda sulphate xtals. ...	80 ,, 85
Nitric acid, 36° P.E. ...	280	Sodium sulphide (60 to 65 p.c.) ...	555 ,, 565
Potash bichromate ...	1,800	Sulphuric acid, 66° P.E. ...	45 ,, 50
Pot. carbonate (85 p.c.) ...	1,100 to 1,200	" 56° P.E. ...	40 ,, 45
Pot. pruss., yellow ...	1,900	Tartaric acid ...	2,600 ,, 2,650
Soda bicarbonate ...	150 to 175		
Soda bichromate ...	1,800		
Soda bisulphite, crystals, 32° P.E. ...	105 to 110		



Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

One Man—Six Voices.

SIR,—Your correspondent "A Mere Londoner" (*C. & D.*, November 13, p. 75) voices the consensus of opinion in a short and pithy letter which exactly hits the mark. There is no doubt that the various bodies have done good work in the past, but the Six Voices are no longer shouting the wares of pharmacists; these goods have got a little stale, and the Voices are looking for new and better fields of activity. The general trend of opinion is towards the purely trade association, which must be absolutely free from any taint of the Pharmaceutical Society, whether directly or indirectly, if we are to make it a success. The first thing to be ascertained is the number of possible members; to do this we should get the number of pharmacists actually in business, and then it must be decided whether it includes only actual proprietors, or whether qualified managers with a share of profits and other qualified men who are not exactly assistants pure and simple will come under it. From the number so ascertained it should not be difficult to arrive at the annual subscription. It would also be advisable to have a preliminary entrance fee to get a reserve fund together to commence with. Then it would be necessary to have a good secretary, one who has had no connection with politics, either pharmaceutical or national, so that he would be quite free to devote himself to the best interests of the craft without any distracting influence, and to such a man a good salary should be assured to enable him to do his work free from care. Such a body could fulfil all the functions necessary for the protection of chemists in business; it could take its part in the Industrial Council in dealing with Insurance dispensing matters, in fixing retail prices and co-ordinating dispensing charges, and, in fact, all purely trade matters would come under its scope; and once freed from the inertia of the Council and the political leaning of other bodies, every pharmacist would become a member, just as he now subscribes to the *C. & D.* because it pays him to do so.—Yours faithfully,

ANOTHER LONDONER. (12/11.)

SIR,—Your correspondent, "A Mere Londoner" (*C. & D.*, November 13, p. 79), puts his finger on a sore spot in our pharmaceutical corpus. "The man with six voices" might be a valuable member of the Government of "Titipu," but distinctly *de trop* in a trade union. An autocratic Government does not satisfy the governed, no matter how benevolent the intentions of the autocrat. The superman in politics has proved an illusion; particularly so when he mixes politics and business; as the empty pockets of the taxpayers do testify. Recent events have proved that our supermen in pharmacy are equally futile and expensive. Surely the brains of the craft are not centralised in one man or a coterie of men. In Scotland we have decided on devolution, as opposed to centralisation. The Scottish plan of federation provides a thoroughly democratic and representative form of trade union. We work from the individual unit upwards, through branches and district councils, to the central executive, units meet to form a branch and elect one delegate for every fifty members. Adjacent branches affiliate to a common centre. There are four such: Glasgow, Edinburgh, Dundee, and Aberdeen. The delegates from the district branches form the district council, and elect a chairman, etc., from their number. A branch is autonomous for all business concerning its district, and the decision of the branch council is final, so long as it is in conformity with the rules. It is only when joint action is required on national matters that the Executive Council of Delegates is called together, and,

of course, every branch has a voice in whatever decision is taken. Should a properly elected delegate be unable to attend a district or central executive meeting, his branch council is empowered to send a deputy, so that at all times the branch may exercise its full voting power. The branch instructs the delegate as to matters which he is to bring to the notice of the executive, and he reports to the branch on his return. By such a system the closest contact is maintained between the unit and the central body, and it should be well-nigh impossible for the organisation to develop into a "one-man show," unless an extra-superman is unfortunate enough to be born into pharmacy. At present the Executive of the Scottish Pharmaceutical Federation is not quite constitutional, its progress and growth being stunted and delayed by the Test Case; but since the light of day has been allowed to shine again it has progressed by leaps and bounds. It is rapidly consolidating its position, and Scottish pharmacists have no fear of any opposition scheme having any effect on this side of the Border. No other organisation can offer such Insurance benefits as the Federation confers on its members at anything like the same subscription, and it has broken fresh ground in opening up ways in which to improve the status and credit of its members. Personally, I have been able to get difficulties overcome and knotty questions settled satisfactorily by merely threatening to submit the matter under dispute to the Federation. Firms are more amenable to reason if there is a danger of a block against their little impositions. Blockades are very persuasive arguments, and they are sometimes necessary.

Yours faithfully,
SCOTLAND FOR EVER. (15/1.)

Dispensing Doctors.

SIR.—I am glad to see that "Xrayser II." has called attention to that part of the recent poisoning case which, as pharmacists, interests us most. The daily papers are making a feature of the danger to the public when an innocent man can be accused of such a crime by the working of local gossip and put to all the expense and strain of defending a criminal trial without compensation, but up to the present I have not seen any article dealing with the greater danger which might affect anyone through the careless handling and keeping of dangerous drugs. As pharmacists, we are required by law to keep scheduled poisons in a cupboard set apart for that purpose, to keep a proper prescription-book for the record of dispensing, and a poison-register for counter sales; but the medical man is free from all these restrictions. He can keep his poisons in any container or any place he likes, he can hand them out to his patients in any bottle and without making any record of the transaction, he is apparently spared the visits of inspectors under the Sale of Food and Drugs Acts and of inspectors of weights and measures. To crown all, the law benevolently allows him to issue death certificates on his own responsibility. Even under the National Insurance Act there are many doctors who keep no record of their cases, although supposed to do so, and a committee of inquiry conducted on right lines would reveal a condition of affairs that cries to the heavens for amendment. Surely there is some pharmacist who is influential enough to write a strong letter to the public Press, asking for full publicity on this side of the matter. It is doubtless too much to expect the Ministry of Health to remove the beam from its own eye while it is so busily engaged removing the mote from the optics of the pharmacist.

Yours faithfully,
PUBLICITY. (13/11.)

On Environment

SIR.—I am unable to say which thoughts came uppermost in my mind, whether those of pity or those of contempt, as I stood and listened to some would-be "leader" bemoaning, from the heights of a soap-box, that "man is the victim of environment." Such may have been his own experience; probably it has. And, of course, if he is successful in persuading his hearers that it is their condition also, he has taken a considerable step toward the leadership of the "helpless" crowd. I should like to ask such, "Who makes environment?"

If it is not the work of man himself, whose is it? And if a man finds himself in an unsuitable environment, is it not within his power to seek another?" I would remind him that the primeval command to man was "Have dominion." If that is ignored or disbelieved, small wonder, indeed, that man becomes the victim, not of his environment, but of his own delusions. I remember a man in a London suburb, whose environment was "stores" on the right hand and on the left. But the mention of them by a customer brought out no cold sweat on his brow. Indeed, they never were mentioned. Yet his prices were worthy of the West End. His door was closed every night at (I think) seven, while his neighbours were open till eight and nine. (This before earlier closing became general.) Yet every customer there was a source of wealth, and the business, I should judge, was the most profitable of any I have ever been in. By him the gospel of the present day was treated with well-merited scorn. On the other hand, I know a pharmacist who says he cannot close early because the man down the street does not, though the stores opposite close an hour earlier than either of them. If one were to speak to the man down the street one would probably find that "he could not see his way to closing earlier until the man up the street did so." Such may delude themselves that they are the victims of environment; they will never persuade a thinking man that they are the victims of anything but their own fears that they may perhaps lose the sale of a 1d. tin of vaseline. They are respected accordingly. I am unable to see the difference between them and the Hyde Park orator or his deluded followers. Again, I have heard others who rightly regard Government control as the curse of the age. But, if man fails to govern and control himself, who can blame the Government if it steps in and undertakes these matters for him? The man mentioned above was looking forward to an Early Closing Act—an Act of Parliament to do for him what he lacked courage to do for himself! The only excuse charity can find for such is their ignorance of their own powers.

Yours faithfully,

SPECTATOR. (10/11.)

Wages in Pharmacy.

SIR,—I am sorry that "Xrayser II." seems unable to comment on the unfairness of the present rate of payment to assistants. The fact still remains that employers, with few exceptions (my own employer is one), fail to recognise that assistants desire to live decently and save a little for the future. The trade may not be able to pay the rates laid down by the union, but it can pay more than it is doing.

Yours faithfully,

SCAR GILL.

The Apothecary's Assistant.

SIR,—One of your readers in the *C. & D.*, October 30, p. 93, was so interested in my account of the evolution of the apothecary in these islands (*C. & D.*, October 23, p. 78) that he has asked me to speculate as to the position of the apothecary's assistant if the Pharmacy Acts had not been passed. I am grateful for the opportunity of indicating what I think should have been the course of events in the "forties" in Great Britain and in the "seventies" in Ireland. The two "Halls" missed great opportunities. As the saying goes, "they could not see the forest for trees." They were so busy trying to get their licentiates registered and recognised as medical practitioners that they overlooked the assistant grade altogether, and forgot that they themselves were "compounding of medicine" first and doctors a long way after. They were so anxious to stand well with the Colleges of Physicians and Surgeons that they feared to be regarded as retailers of pills and potions, and placed their pharmaceutical duties in the background, yet clung to their prosperous wholesale drug businesses and retail pharmacies with a tenacity which was as remarkable as it was futile. Having stuck to their commercial interests they should have formed a new grade of apothecary from their assistants and kept the control of pharmacy in their own hands. It was sheer snobbery which prevented them from opposing the Pharmacy Acts and being the sovereign lords

of pharmacy to-day. They realised their mistake when it was too late and have developed their assistants' certificate with considerable vigour of recent years. Perhaps the "Halls" may yet absorb the Societies, but before they do so they must change their ways. An apothecary attains high rank in the councils of his company by length of service only. There is no selection, and, as Lord Melbourne said of the Garter, "there is no d——merit" about the Courts of Assistants, as the governing bodies of the Halls are called. A yeoman becomes a liveryman, and a liveryman gets on "the Court" by sheer length of tooth—that's all. The result is that we have governing bodies consisting of septua- and octo-genarians! I believe the Irish Hall is more progressive than the London one, and Dr. J. C. McWalter, who is still a young man, has already held the highest office in it. It seems to me that the title "apothecary" is "going a-begging." The L.S.A.'s and L.A.H.'s no longer use it. It is an ideal name for the members of our craft, and if the Halls and the two Societies could come together we might have a unified qualification for pharmacy and a title which I think would please every knight of the pestle who knows that his present one of "pharmacist" is not, and never can be, popular.

Yours sincerely,

AN APOTHECARY. (13/11.)

Sport and Sea-sickness.

SIR,—A well-known limited company interested in the exploitation of winter sports in Switzerland is widely distributing a letter giving details of the various Swiss hotels in which the company is interested. At the end of the letter is the following: "Those who fear sea-sickness in winter may in the great majority of cases banish that fear henceforth if they will carry chloretone capsules, each containing five grains. We have given away thousands of these capsules this year, with great success. Hotel plans will be forwarded on application." I think this will commend itself to chemists as a remarkably smart application of the science of therapeutics to the art of advertising.

Yours truly,

COMMON SENSE. (8/11.)

Isle of Wight Bee Disease.

SIR,—I am interested in the article under Scottish News re Isle of Wight bee disease. According to the investigations of Dr. Rennie and others it is stated to be a mite (*C. & D.*, November 6, p. 67). A mite is usually propagated upon a fungus or mould; this being so, it is highly probable that the plants most suitable to affect bees will be of the leguminous type or order. I believe these plants are more liable to develop a mould than those of other orders, and usually develop it in warm, humid weather. Is it possible that a mould would develop upon nectar and the mites propagate there? If so, this might be the means of spreading the cause from one class of flower to another, thus spreading the disease. I should like to hear further of this.

Yours respectfully,

West Auckland.

J. R. HUCK.

Legal Queries.

T. M. W. (8/11).—The Veterinary Acts do not interfere with the supply of packed veterinary remedies, but if these contain scheduled poisons unqualified persons may not sell them by retail.

Jus. (11/11).—You will find the conditions governing the wholesale sale of scheduled poisons in *The Chemist and Druggist Diary*, 1920. Wholesale dealing does not depend upon the quantity of poison supplied, but refers to the sale "to retail dealers in the ordinary course of wholesale dealing."

H. K. W. (16/11).—The conditions for the supply of poisons in Part I. of the schedule are given in *The Chemist and Druggist Diary*, 1920. You are not allowed to relax these conditions where medical men or nursing homes are concerned, which means that telephone or postal orders for Part I. poisons cannot be executed.

B. T. L. (11/11).—If you trade under any other name than your true surname and initials or full Christian names you must register under the Registration of Business Names Act. The Registry is at 39 Russell Square, London, W.C. In all trade catalogues, trade circulars, showcards, and business letters you must give your true name, and, if not British, your nationality.

Experto (13/11).—Pil. aloini co., B.P.C., is a poison in Part I. of the schedule. The amount of strychnine you give is per pill, but if you calculate out 0.025 present on a percentage basis you will find it requires a very large pill to bring it to less than 0.2 per cent. The Pharmacy Acts require preparations containing 0.2 or more per cent. of strychnine to be poisons in Part I. of the schedule.

Agricola (9/11) employs a warehouseman about half a day a week in filling soda-water syphons by means of a hand-power "compact" machine, and he asks whether the man must be paid the minimum wages for workers under the Aerated Waters Trade Board Order. [The Order referred to applies to all workers "who are employed during the whole or part of their time" in any branch of the aerated-water trade specified in the Order. One of the branches is filling syphons with aerated water.]

Chemicus (3/11).—The new period of hours in a shop or at college will not apply in the case you mention, since the young man was registered as a student on December 31, 1919. Indentures are not necessary in apprenticeship, but the three years required are now interpreted as in an open shop; the period in a school of pharmacy is extra. The reply to which you refer (*C. & D.*, October 30, p. 95) dealt with the question of the sale of "known, admitted, and approved" remedies in the case of an unregistered person who carries on a drug-store.

H. C. W. (6/11) is the executor of his mother's estate, and upon payment of death-duties the probate was granted to him. In the Inland Revenue affidavit a house, forming part of the estate, was valued at 300*l.*; but since the granting of the probate that value has been increased to 500*l.*, and additional death-duty is claimed. Can "H. C. W." be compelled to pay further death-duty after receiving the probate? [The fact that probate has been granted does not preclude the authorities from recovering additional duty in the event of a figure given in the original affidavit proving to be an undervaluation.]

H. J. S. (11/20) became tenant, in 1918, of rooms over a shop, at a weekly rent of 12*s.* 6*d.*, the landlord paying rates. The rates have doubled compared with those paid in 1914, and the landlord requires "H. J. S." to pay two-thirds of the increase of rates, and also an increase of rent equivalent to one-third of the original amount. Is "H. J. S." liable to pay the additional amounts? [The landlord is entitled to recover from "H. J. S." the whole of the amount by which the rates to-day exceed those levied in August 1914. The landlord is also entitled to increase the standard rent by 30 per cent., and by a further 10 per cent. after July 2, 1921. We assume that "H. J. S." is under no obligation to do repairs.]

T. M. C. (4/11) entered into an apprenticeship agreement which embodies a clause under which the apprentice undertakes not to practise within a radius of four miles from "T. M. C.'s" place of business in a country town after he has qualified. Is this restriction valid? [In the event of "T. M. C." taking steps to enforce the agreement, the Court would have to decide whether the restriction is reasonable, having regard to the circumstances of the case. In our view, the restraint is not unreasonable, and would be upheld; but it is impossible to say whether the Court would take the same view. Presumably the apprentice was under the age of twenty-one when he entered into the agreement, and there is, in that case, the further question whether the agreement was for his benefit. Assuming, however, that the restriction is held to be reasonable as regards area, it would be regarded as being for the benefit of the apprentice. We cannot recall any recent legislation on the lines you mention.]

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

Wanderer (15/11).—A list of the fifty best-selling proprietary articles would vary according to the part of the country where the chemist's business is carried on. It should not be difficult for you to compile a list from the invoices of your wholesale house extending over one or two years.

H. K. W. (13/11).—We are not prepared to express an opinion as to the value of the goodwill of the business you mention.

H. D. S. (13/11).—THE PRESCRIPTION PRICED according to the London simplified pricing system is as follows:

	d.
Ol. ricini	3ij. 6.0
Ol. paraf.	3ij. 6.0
Eau de Cologne	3iv. 127.0
Tr. canthar.	5ij. 4.0
Container	4.0
Dispensing fee	9.0
	<hr/> 155.0

=13*s.*, or, if the second quality of eau de Cologne is used, 10*s.* 7*d.*

S. L. (16/11).—WHOOPIING-COUGH MIXTURE, "P.F. 16."—The following is the formula:

Ammon. brom.	5ij.
Vin. ipecac.	5vj.
Vin. antim.	5vj.
Syr. scillæ	3ij.
Liq. cocci	5ij.
Syr. ad	3xx.

Dose: Half to two teaspoonfuls, according to age.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," Nov. 15, 1870.

Presumption of Death.

(Dr. Peter Hood relates two cases to show that even aged persons are sometimes allowed to die unnecessarily; one of the cases is as follows:—) "One evening, about eight o'clock, the coachman belonging to the Dowager Lady C. ran to my house and begged me to come to his mistress directly, for, from what the servants told him, he said she was either dying or dead. The distance was short from my house, and I was speedily there. Lady C. was in her bedroom, sitting in a high-backed chair, and behind it stood a medical man. His first observation to me was, 'Her ladyship is gone,' and indeed she presented all the appearance of death having taken place. Her face was deadly white and cold, her jaw had dropped, but her eyes were closed. I felt her pulse, and detected the faintest possible thrill beneath my finger, and I could only compare it to the tension of the finest cambric thread. Lady C.'s daughter-in-law was standing beside me, and I asked her for some brandy, which she immediately ran for and brought. I poured out a large wineglassful, and poured it over the tongue, and it ran down the throat as readily as if it had been poured into a jug. The moment it had reached the stomach Lady C. revived, gave a spasmodic gasp, opened her eyes, and said, 'Bring me a basin.' A basin was brought to her, and she at once vomited into it, bringing up her dinner, which had been only hashed hare. She as speedily regained perfect consciousness, and inquired of me, 'what I did there at that time of the evening?' At this time Lady C. was eighty years old, and she lived for five years afterwards."

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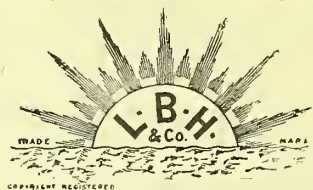
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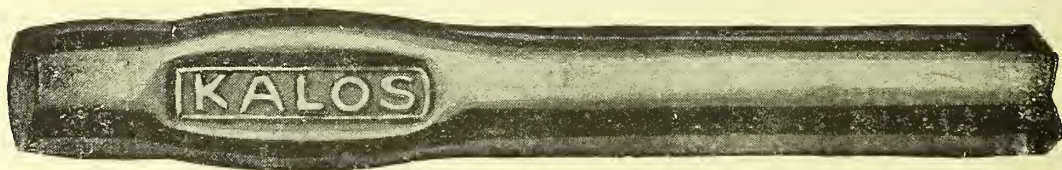
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PHYSICALLY—The time required for disintegration.

The uniformity in weight and size.

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We take it that the above are the "things that matter" from the Pharmacist's point of view, in comparison with which a few pence more or less on the dozen are of very little moment.

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1 lb.	46/-	34/6	27/6 lb.
7 lb.	45/-	33/6	26/6 "
14 lb.	44/-	32/6	25/6 "
100's boxes	9/-	7/-	6/- doz.
200's "	16/6	13/6	11/- "

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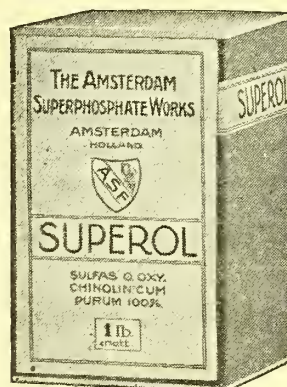
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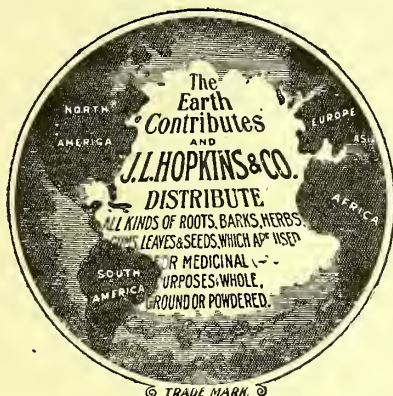
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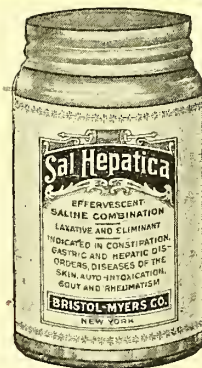
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3d. Packets	44%	on	Cost	Price
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7 lb. "	41%	"	"	"
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All orders of 20/- value and upwards are carriage paid. Cases at bare cost.

*28 lb. Bags,	} Sent direct to	{	16%	
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*No Stock to hold or handle.

Prices on application to—

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P.A.T.A. NOTICE.

113 Temple Chambers, Temple Avenue, E.C. 4.

November 20, 1920.

The following revised prices are now in force:

Advertised Price.		Minimum Retail Price.	Minimum Wholesale Price.
2/-	Browning's Semprolax (8-oz.)	2/-	18/- doz.
3d.	" "Semprolia" Snow-White Petroleum Jelly (alum. tins)	3d.	27/- grs.
4d.	" "Semprolia" Cold Cream (alum. tins)	4d.	36/- "
2/6	" Semprolin Liquid Paraffin (8-oz.)	2/6	20/- doz.
4/9	" " (16-oz.)	4/9	38/- "
9/-	" " (40-oz.)	9/-	72/- "
17/-	" " (80-oz.)	17/-	136/- "
3/6	Oppenheimer's Cream of Malt (Plain)	3/6	33/6 "
6/-	" " " "	6/-	58/- "
3/6	" " & C.L. Oil	3/6	33/6 "
6/-	" " " "	6/-	58/- "



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For Pimples, Blackheads,
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Run this in combination with a Sulphur Soap—thus
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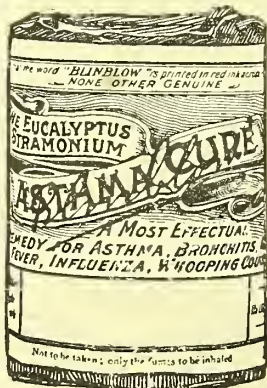
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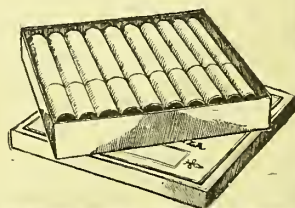
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It is prepared in five different forms—for external use and bath medication, for internal administration, for injection, and as a cream, with which the affected part is gently massaged. Also as an oil for the scalp.

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Special Offer :

During the month of November all orders will be executed at *present-day prices*, and goods for sale after November 30th will bear surcharge labels. Additional supplies of surcharge labels will be sent, on request, to Chemists holding old-price stocks.

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	Old Retail Prices	New Retail Prices (P.A.T.A.)	Wholesale Chemists Prices in Gt. Britain
<i>Antiseptic</i>	9d. ...	10½d. ...	6/11 doz.
"	1/3 ...	1/6 ...	10/6 "
"	3/- ...	3/- ...	21/- "
<i>Ointment</i>	1/9 ...	2/- ...	14/- "
"	2/- ...	3/- ...	21/- "
"	4/6 ...	4/6 ...	31/6 "
<i>Pastilles</i>	10½d. per box.		

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Iglodine.



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FOR ALL SKIN & SCALP DISEASES

A well-advertised, high-grade preparation, enjoying a steadily increasing sale. On the P.A.T.A. protected list, giving the retailer a profit of 25%

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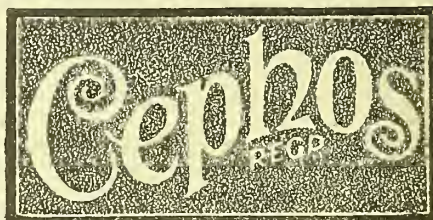
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 " " 5/- " " " " " 45/-
 " " 12/- " " " " " 108/-
 In two strengths, Ordinary and Strong.

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 Carriage paid to any part of the United Kingdom.

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"LINSEED COMPOUND" (Trade Mark)
and their other medicinal preparations.

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11½d.	- 1/3	- 11/3
1/3	- 2/-	- 18/-
3/-	- 4/6	- 40/6
5/-	- 7/6	- 67/6
12/-	- 18/-	- 162/-

Revised price labels to attach to existing stock will be forwarded on stating approximate quantity of each size required.

Every bottle of Kay's "Linseed Compound" is manufactured under the supervision of, and is distributed to the public by, Qualified Pharmacists.

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Bronchial Tablets
Pine Compound Tablets
Formalin and Mint Tablets
Bismuth and Magnesia Tablets

EMULSIONS

Cod Liver Oil Emulsion, packed and in bulk. Prepared from Norwegian Oil by the most up-to-date process.

Petroleum Emulsion, packed and in bulk.

SYRUPS.

We specialise in all classes of Medicinal Syrups. Our Syrup Ferri Phosph. Co., Syrup Hypo. Co., &c., are unrivalled for brilliancy, taste & keeping properties.

"NIOBE"

"Niobe" Specialities are now in great demand. All products are guaranteed and profitable to handle. No. 118 Eau de Cologne is unique and requires no advertisement.

**Wholesale Chemists, Druggists and Drug Grinders,
 Cornbrook Works, Chorlton Road,
 MANCHESTER.**

Results Recommend Miller's Musterole.

For severe *colds*, as for neuralgia, sore throat, pains and aches in the back or joints, etc., Miller's Musterole quickly brings relief. It penetrates and draws out soreness like a mustard plaster, but does not blister.

Recommended by many doctors and nurses to their patients, Miller's Musterole has made a host of friends who use millions of jars every year.

This efficient household remedy is now being widely advertised in magazines and newspapers throughout the United Kingdom. A clean, white ointment, in a convenient, white jar—Miller's Musterole will increase your sales and help sustain your reputation for reliable merchandise. Order a stock to-day. Prices and information on request.

Thos. Christy & Co., 4-12 Old Swan Lane, London, E.C.4.



Genuine Russian **LIQUID PARAFFIN**

All gravities, correct viscosities

"Jasmine Brand" **ADEPS LANÆ**LanolineSuperfine
Anhydr.
and Hydrous"Jasmine Brand" **PETROLEUM JELLIES**

White and Yellow

"Jasmine Brand" **WHITE OILS**Chem. Pure, Water-white,
Tasteless, Odourless

FOR MANUFACTURING PURPOSES

ALSO TRANSFORMER & INSULATING OILS.**The PURE RUSSIAN LIQUID PARAFFIN CO., Ltd.****3 St. Helen's Place, LONDON, E.C. 3.**

Actual Refiners and Manufacturers at their Works near London.

B. P.1914Finest QualitiesCompetitivePrices.**CORRUGATED PAPER
ROLLS, SHEETS, BOXES**
(collapsible)Cartons, "Cut Pieces," Strong Outers,
for every description of Packing.**Keenest Prices. Quick Delivery.***Inquiries Welcomed.***The Guildhall Corrugated Paper Co.**
Guildhall Bldgs., Navigation St., BIRMINGHAM.Telegraphic Address:
"Corrucarb Birmingham."Telephone:
Central 4291.**TECHNICAL AND MEDICINAL
WHITE OILS.****PETROLEUM JELLIES.****PARAFFIN WAXES.****NEUTRAL OILS.**

Debloomed and Undebloomed.

PALE & RED LUBRICATING OILS.**CYLINDER OILS.****W. J. SMITH,** SOLE EUROPEAN
REPRESENTATIVE,**THE JAMES B. BERRY'S SONS CO. Inc.**
110 Cannon Street, London, E.C. 4.**HOMCO CASTOR OILS**

GUARANTEED PURE.

Pharmaceutical, Firsts and Seconds.**THE HULL OIL MANUFACTURING CO., LTD. - HULL.**

Pioneers of the Castor Oil Industry in England.

WE SOLICIT YOUR ENQUIRIES FOR:—

OLIVE OILS, finest cream edible, B.P.
SALAD OILS
PETROLEUM JELLY, B.P., White and Yellow
TURPENTINE, American Spirits and Substitutes
CASTOR OILS, all grades
COLZA OIL, finest and burning qualities
ROSIN, all grades
LINSEED OILS, Raw and Boiled
MINERAL OILS, Bloomless "Lux" Brands
WHITE OILS, Slab and Commercial
LUBRICATING OILS of all descriptions

JAMES ARNOTT & SONS, Ltd., Newcastle-on-Tyne and Cardiff.

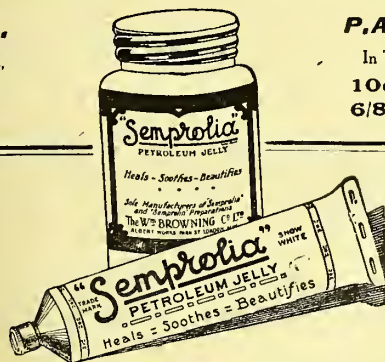
Registered Offices: 47 PILGRIM STREET, NEWCASTLE-ON-TYNE.

P.A.T.A.

In 2-oz. Jars,

1/- each

8/- doz.



P.A.T.A.

In Tubes,

10d. each

6/8 doz.

The 50% Profit Line

Now being advertised in the "Daily Mail,"
 "Daily Mirror," and also various magazines
 and weeklies.

"SNOW-WHITE"
Semprolia
PETROLEUM JELLY

Showcards, Booklets, etc., Free on Request

The Wm. BROWNING Co., Ltd., Albert Works, N.W. 1

*White &
Half White
Oils*

WHITE PETROLEUM JELLIES
WHITE REFINED
PARAFFIN WAXES

HILTON, RIDER & CO. LTD.
 Manufacturers, Importers, Exporters.
 Tel. No. 837 Gt. Suffolk House.
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 Sed. St. London

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OILS
METHYLATED SPIRIT
CHEMICALS
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TELEGRAMS—
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ALL GRADES

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We offer

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B.P.

WHITE OILS

Send us your inquiries.

J. J. FRANCES & SONS,
LIMITED,
80a Southwark St., LONDON, S.E. 1.

Langley-Smith & Co.

Castor Oils, *Medicinal,
Lubricating.*

Colza Oils, *Best Pure,
Prepared.*

Linseed Oils,

*Best Raw,
Double Boiled.
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Best Pure Spirits.

Substitutes,
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Samples and Prices on Application.

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**RUBY
GREEN
YELLOW**

**BRILLIANTINE
OILS**

**Any Quantity—from Stock.
Wholesale Only.**

WM. BORTHWICK
1 and 2 Staniforth Place, HULL.

Telephone—Hull Central 4054Y (Trunk only).

PAINTING MATERIALS.

The advertisement below is appearing in the chief National Newspapers, and 200,000 copies have already been distributed.

Send your trade card for a free copy to-day and you will learn how profitable painting materials are to handle.



Post **1/3** Free

More than ever, owing to the scarcity and high cost of labour people are decorating their home themselves and require practical assistance and advice on work and materials. Our 144 page book

Full Instructions
on Painting, Paper-hanging, Staining, Graining, Varnishing, Emmenting, s encel and advice on home decoration ling. Sign writing, Whitewashing, Dyeing, Polishing, Paint & Colour Mixing, etc. How to make Inks, Stains, Dyes, Colours, Polishes, and scores of Priceless Recipes.

HINTS FOR HOME DECORATORS

is packed with valuable tips, hints and advice on home decoration and SAVES POUNDS in decorator's bills.

Send for your copy to-day. Money back if not satisfied.

TEXALO MFTG. CO.
(Dept.), South Shore
Blackpool.

There is a great increase in the number of retailers stocking painting materials, and your opportunity to do good business is now.

Write for a free copy to-day.

TEXALO MANUFACTURING CO.

Paint and Varnish Manufacturers,
SOUTH SHORE - - BLACKPOOL, LANCs.

ACETIC ACID

Made in Canada. Highest Quality.



GLACIAL - 98/100 %
80 % pure edible

GLACIAL PURE 99/100 %
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Rates quoted to any port
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Ltd., 1 Tudor Street, E.C.4,
Suppliers of Calcium Carbide
for Cutting, Welding, etc.

Telephone: City 3331

For supplies of Acetic Acid in the United
Kingdom, write to the distributors—

**A. Boake, Roberts
& Co., Ltd.**

STRATFORD

Stocks held in London and Liverpool

THERE COULD NOT BE
GREATER BOON TO USERS OF

GUMMED LABELS

THAN A QUALITY THAT UNDER
PROVOCATION REMAINS

FLAT

ASK YOUR PRINTER FOR
Jones' Flat Gummed Paper
for Labels.

SHOWCARDS BY
F. MERTEN, The EXPERT.
THEIR SELLING POWERS are
continually being proved by testimonials
received from satisfied clients.

FOR A SMALL OUTLAY you can also prove it and reap
the benefit.

KINDLY LET ME QUOTE FOR ALL CARDS
YOU REQUIRE.

112 Warham Rd., Haringay, London, N.4.



BOTTLES

HAND-MADE.
MACHINE-MADE.
STOPPERED.
CUT & CUT-OVER.

C. G. BROOKS

York House, 140 King's Cross Road, London
and 1 Britannia Street, King's Cross, London.

Gelatines

Fine Leaf Gelatine,
Pure Calf.

"Albion" Brand

(In 1-lb. Packets, 112 × 1-lb. to Case.)

Made in England.

FINE CRYSTAL GELATINES.
PURE SKIN GELATINES.
POWDERED GELATINES.

Samples on Application.

OURY, MILLAR & Co.

9 Mincing Lane,
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Telegrams :
"Olmenth London."

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MALT & COD LIVER OIL

Prepared only from the Finest East-Coast Barley, combined with the best Norwegian Non-Freezing Cod Liver Oil.

Packed in Screw-Capped Jars, Bottles and Tins, holding 1 lb. and 2 lb. Neatly Labelled and Wrapped. Customer's Name printed on Labels for Orders of 1 Gross and upwards.

Telephones:
Nitshill-Polllokshaws 14
London-Avenue 5661
(3 lines).

PERRY & HOPE, Ltd.

Telegrams:
"Perryope, Nitshill."
"Perryope, Ltd."
London.

NITSHILL, near GLASGOW.

London Office: 1 LEADENHALL STREET, E.C.3.

VITMAR

The Medical Profession are recommending VITMAR for delicate Children and Invalids.

If you do not yet stock it your wholesaler will supply you.

Manufacturers—

CALLARD & CO., Food Specialists,
74 Regent Street, LONDON, W.1.

ESTABLISHED 1839.

CHEMISTS' OVERALLS

From **GARDINER & CO.**

We supply protective overalls in any colour or style required. They are made by experienced hands for all branches of the Chemical trade.

KHAKI DRILL	-	17/6	21/-	26/6
WHITE DRILL	-	17/6	19/6	
BLACK DRILL	-	19/6		

Sizes 34, 36, 38, 40, 42 and 44 inches over waistcoat.

SPECIAL QUOTATIONS FOR QUANTITIES.

GARDINER & CO. (THE SCOTCH HOUSE) LTD.
1 Commercial Road, E.1.

Tele.: "Durastve. Phone London."

Phone: Av. 6650 (4 lines.)

ATKINSON & BARKER'S INFANTS' PRESERVATIVE

THE BEST AND SAFEST INFANTS'
MEDICINE OF OVER 120 YEARS' STANDING.

Prices and Terms on application to **R. BARKER & SON, Ltd.**
13 Wesley St., C-on-M., MANCHESTER.

**DOES
NOT
CONTAIN
any
SCHEDULED
POISON.**

The Nutrient Laxative

*Obstacles to
Nutrition*

*Overcome
by Virolax*

MANY foods contain a large quantity of flesh-forming and energy-promoting substances, but where the organs of digestion and excretion are unable to work to their full capacity little benefit is derived from the food. Indeed in many cases, as the Physician will recognise, bulky foods aggravate the condition:

- (1) By forming further accumulations in the bowels.
- (2) By overweighting the intestine and dragging it out of place.
- (3) By the production of poisons from excessive bacterial activity.

These difficulties are met by Virolax, which combines the nutritive properties of Virol (egg, bone marrow and malt extract) with the laxative properties of liquid paraffin.

An important feature of Virolax is that in combining these two components the paraffin becomes so finely emulsified that the uncertain action of paraffin in its ordinary state is entirely avoided.

Virolax feeds while it relieves and is therefore in a category apart and so pleasant in flavour that it may be taken with the greatest benefit by children or adults as a laxative nutrient in all cases of irregularity so apt to tend to bacterial poisoning.

Virolax is packed in 4 oz. and 16 oz. tins at 1/- and 2/8, and is supplied to the Trade in one dozen boxes at 10/- and 27/- per dozen. Terms: £3 orders carriage paid, less 5%. On orders over £5 an extra discount of 5% is allowed on condition that window display is made. These terms will also apply to combined orders for Virol and Virolax to the value of £3 and £5.

Virolax

(Registered Trade Mark).

Show cards and advertising material on application.

VIROL, Ltd., 148-166, Old Street, London, E.C.1.

33 $\frac{1}{3}$ PER CENT. BONUS



The weekly sales of Osmos are steadily mounting. They have now reached an imposing figure and represent a mass of profitable business which is well worth going after. As a special inducement to retailers to co-operate in the present Osmos sales campaign, the Proprietors have allocated a portion of this year's advertising appropriation to provide a bonus in the shape of 4 FREE BOTTLES for every chemist ordering 1 dozen. The condition being that Osmos is displayed in their window until their order is sold.

REVISED PRICE.

Necessitated by enhanced cost of production.

Trade Terms : 26/6 per doz.
bottles, carriage paid.

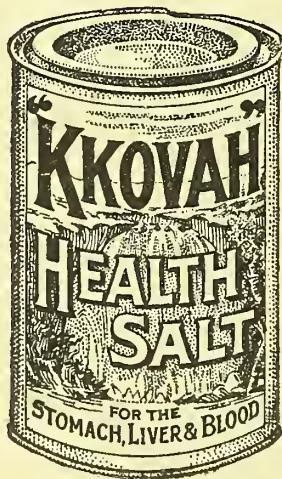
Retail Price : 3/- per bottle
(P.A.T.A.)

Osmos, Crown Wharf, Hayes, Middlesex.

Osmos

The Great British
Aperient Water

The Therapeutical properties of Osmos are equivalent to those of the best-known Alien Aperient Waters. Osmos should, therefore, be sold in lieu of those foreign products. Chemists adopting this practice benefit themselves and their Country.



Kkovah
Health Salt

Makes you fit—keeps you fit.

A Ready Seller !

The consistent quality of Kkovah Health Salt, backed by forceful advertising, makes it a ready seller.

Order your supply to-day.

SUTCLIFFE & BINGHAM, LTD.,
MANCHESTER.

Have you a WINE LICENCE ?

If not, you should take steps to procure one,
and we will pay the cost.

If you already have a licence we undertake to
pay the annual charge.



The only conditions are—

1. That you agree to give full display to Dr. Hale's Vin-Sanguis in your premises all the year round.
2. That you give us an agreed initial order.
3. That you keep Dr. Hale's Vin-Sanguis always in stock.

Advertising Matter and Doctors' Samples free.

Trans - Continental Agencies, Limited

Proprietors of
Dr. Hale's Vin-Sanguis.

14 Southampton Street, Strand,
London, W.C. 2.

Vinum Xericum

BUTTS. HOGSHEADS. QR. CASKS.
108 galls. 54 galls. 27 galls.

STRENGTH 17°

James V. Oldham

19 St. Dunstan's Hill, London, E.C. 3.

Telephone Avenue 3013.

2d. HERBS

Insist on "Castle Brand."

MEDICINAL : CULINARY

16/- PER GROSS.

Special Terms for Wholesalers.

WM. FOX & SONS, W. of Botanic Druggists, SHEFFIELD.

ALL CHEMISTS SHOULD STOCK ABDINE

THE GOLD MEDAL FRUIT DRINK.

Quick Seller. Big Profits. Over 40 years' Reputation.

"Abdine" is the most popular Health Drink, superior to all Mineral Waters. Sold in Packets, 2d. each.

Wholesale Prices on application. Sample Box 1/6.

DUNCAN MCGILSHAN, LTD., M.P.S., Abdine Works, Westfield Road, EDINBURGH.

PURE ORANGE WINE

A. MILLAR & CO., LTD., DUBLIN

(VINUM AURANTII B.P.)

Prepared in strict accordance with the Formula of the British Pharmacopoeia.

(Wholesale only.)

Samples from Head Office, Thomas Street, DUBLIN, or London Office, 43 Great Tower Street, LONDON, E.C. 3.

TO USERS and DEALERS in METH. SPIRIT and SPIRIT OF WINE.

FOR QUOTATIONS apply to—

PRESTON'S LIVERPOOL DISTILLERY CO. LTD.

The Largest Makers in the United Kingdom.

BANKHALL DISTILLERY, SANDHILLS, LIVERPOOL. Office: 4 India B'ngs, Water St, Liverpool.



Why Demand is still Growing.

Demand for the Nestlé Feeding Bottle is still growing—and it is growing because it is superior to any other feeder on the market. Its many advantages are so evident that mothers, thinking of the safety and comfort of their babies, are insisting upon the Nestlé Feeder.

The teat and rubber valve of the Nestlé Feeder are made with inner rolls which automatically cling and cannot be pulled off by the child. There is not the usual danger of swallowing the teat as in many other feeders. Pure plantation rubber is used in the manufacture of the teat and valve. Colic is prevented by the rubber valve regulating the flow of air behind the milk. This valve also ensures a steady milk flow in accordance with baby's need.

The Central base, tapering flat under surface of the virgin glass feeder enables it to be tilted to, and remain in, any desired position. This saves the time usually occupied holding the feeder. It holds more—the feeding capacity is 10 oz.—sufficient for any child at one feed.

NESTLÉ Feeding Bottle

The Cheapest full-size Feeding Bottle on the Market.

Every part of the Nestlé Feeder, including box, is British made. Every Feeder is sterilised before leaving the factory.

The margin of profit to you is good and the turnover rapid. Write us for full details and current Trade Price List.

NESTLÉ'S (Advt. Dept.),
6-8 EASTCHEAP, LONDON, E.C.3.

RENÉ HEYMANS

9/10 DOMINGO STREET

Tel. : CITY 3765. 36 OLD ST., E.C.1

Vulcanite DOUCHE FITTINGS

” Spare Parts
” Enema Pipes
” Whirling Spray Canules

BONE SHIELDS

BONE MOUNTS

BONE RINGS

French CAPPING SKINS (opaque and transparent)

TOOTH COMBS

(Best Galalit)

POCKET COMBS

Cheap lines in NAIL FILES (bone and steel) carded.

SAFETY RAZORS and spare blades.

French SHAVING BRUSHES

NAIL CLIPPERS.

TOOTH BRUSHES

at low prices.

And all kinds of Surgical and Hygienic Rubber Goods.

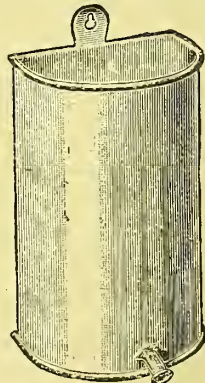
Enamelled Hospital Requisites

Stocked by your Wholesaler.

CHINA WHITE ENAMELLED STEEL DOUCHE CANS

Bent Spout which prevents rubber kinking.

EXCELLENT
VALUE.



IMMEDIATE
DELIVERY.

Also supplied with front handle, if required.

2, 3, 4 and 6 pint.

ACTUAL MAKERS,
ORME, EVANS & CO. LTD., Elgin Works, WOLVERHAMPTON

NOTICE TO THE TRADE!

Telegrams: "Kinvarage, Westcent, London."
Telephone: Museum 664.

The Directors of the

BRITISH "ANTAPSAL" Co. Ltd.



Beg to announce that during the past few weeks their Company has undergone reconstruction, and that they have taken New Premises at 38 Great Ormond Street, London, W.C. 1, to which all future orders and communications should be addressed.

The "ANTAPSAL" NASAL APPLIANCE (invisible when worn) is patented in Great Britain and abroad. It is a transparent, self-acting, continuous and curative Inhaler, which rests with feather lightness quite naturally *inside the nostrils*, and may be worn with complete comfort and without attracting attention in the street, at work or asleep, and charges every breath with a soothing health-restoring medicament. Quickly clears nose, throat and chest, relieving stuffed nostrils and hard breathing. Can be applied easily or removed in a moment, and carried in a waistcoat pocket ready for use. A simple, harmless, pleasant and effective scientific remedy; everywhere approved by medical men, the nobility, clergy, and others who have tried it.



SPECIAL OFFER TO CHEMISTS. 13 Boxes "Antapsal" 60/- net CASH WITH ORDER.

"CATARONOL" OUTFIT

for Colds, Catarrh, Bronchitis, Stuffed Nostrils, Loss of Hearing, Hay Fever, Adenoids, Headache, Sore Throat, etc. etc.

"ASBRONATOL" OUTFIT

for Chronic Bronchitis and Asthma.

TRADE DISCOUNT 20%

The Appliance is in use in the leading Hospitals. Numerous testimonials have been received from eminent users.

Press Advertising commences shortly, and all Chemists, Departmental Stores, etc., should obtain a stock in readiness.

Those who are willing to make a special Window Display should communicate with the company at once. Special terms allowed.

RETAIL PRICE:

6/6

RETAIL PRICE:

6/6



"It's in my nose—you can't see it—I can't feel it—only its wonderful effects."

NOTICE TO OVERSEAS TRADERS.—The patent rights for the "ANTAPSAL" APPLIANCE in the following countries are for sale, and all inquiries respecting same should be addressed to The Managing Director, The British Antapsal Co., Ltd., 38 Great Ormond Street, London, W.C.1.: Australia, Austria, Belgium, Canada, Cape Colony, Denmark, France, Germany, Hungary, India, Italy, Norway, Portugal, Russia, Spain, Sweden, Switzerland and United States of America.

BRITISH ANTAPSAL Co. Ltd., 38 Great Ormond St., LONDON, W.C.1.



"NORVIC" CRÉPE BANDAGE (REGD)

SUPERIOR ENGLISH MANUFACTURE. FAST WOVEN EDGES.

Extremely Elastic, but contains no Rubber.

Invaluable for binding. Displaces rubber and elastic web. More durable and one-third the cost. The Norvic Crepe Bandages, containing wool will provide warmth, and do not absorb grease readily. Self-clinging and self-adjusting. Perfectly cleansed, sterilised, and resiliency entirely restored by washing in hot soft water (with addition of a little soap). The edges will not fray out nor ravel. Made and supplied to the leading wholesale houses, neatly wrapped in labelled packages. Commended by the medical and nursing professions. Send for prices and samples to the sole manufacturers—

The NORWICH CRAPE CO. (1856) Ltd. (ST. AUGUSTINE'S), Norwich, Eng.

Provincial Selling Agents, Freese & Moon, Ltd., 69 Bermondsey Street, London, S.E.1.

London Buyers can obtain samples & prices from Mr. T. Eastaway, London Representative, Wool Exchange, E.C.1.



"Comfy for the Night."

MERCERISED CORDS

FOR TYING UP PERFUMERY, &c.

CORDS FOR SPONGE BAGS

CORDS FOR SOOTHERS

MEDICAL TWINES

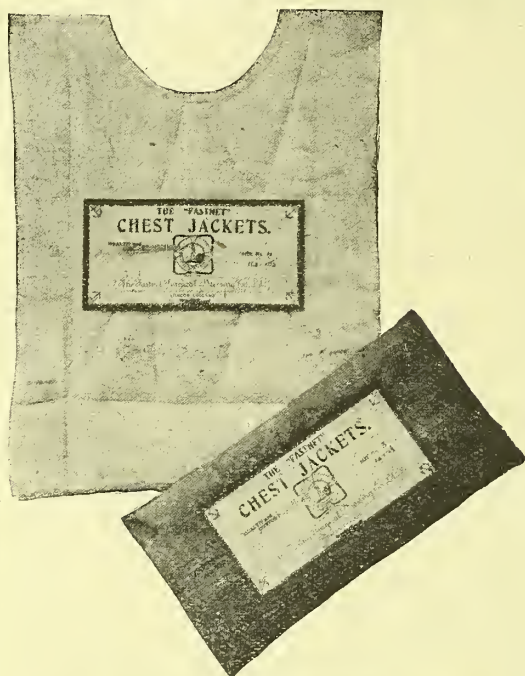
ALL SIZES AND COLOURS IN STOCK

The Albion S.C. Co., Ltd. FAWLEY MILLS, London, N.17
TOTTENHAM.

PHONE—212 TOTTENHAM.

TELEGRAMS—ENCAGED, PHONE, LONDON.

WINTER IS HERE



"FASTNET" CHEST JACKET.

Colds and Chills are Prevalent.

BE PREPARED!

And get a stock of

"Fastnet" Chest Jackets

Size No. 1	...	8½"	×	7"	...	22/-	dozen
" 2	...	10"	×	8½"	...	24/-	"
" 3	...	12"	×	9½"	...	26/-	"
" 4	...	13"	×	10½"	...	28/-	"
" 5	...	14½"	×	12"	...	31/-	"
" 6	...	16"	×	15"	...	34/-	"
" 7	...	18"	×	16½"	...	37/-	"
" 8	...	20"	×	17½"	...	40/-	"

Similar lines:

Nos.

"Fastnet" Anti-Chill Vests, Sizes 3-7

"Fastnet" Body Belts - " 1-4

Manufactured by the "Fastnet" Surgical Dressing Co., Ltd.

Sole Agents—

JOHN TIMPSON & CO., LTD.

104/106 Golden Lane - London, E.C.1.

ON P.A.T.A.

RIGOLLOT'S MUSTARD LEAVES

FOR PLASTERS.

THE ORIGINAL.

THE **ONLY** GENUINE.

7d., 1/- & 1/7 Packets
5/3, 9/-, 14/3 per Doz.

GUYOT-GUENIN & SON

67 Southwark Bridge Road

LONDON - " - S.E. 1.

GOOD SELLING LINES, GOOD PROFITS,
AND ABSOLUTE SAFETY IN STOCKING

"HOBSON'S CHOICE"

FEET PLAISTERS AND POWDERS

STOCK IS RETURNABLE AT ANY TIME, FOR
ANY REASON, AND FULL PRICE REPAID.

For Prices and Samples apply to

HOBSON, TRIMBLE & CO., LTD.

Union St., and Market, LEEDS,
or your own WHOLESALE HOUSE.

THE "NORTH-SEVEN" CASH TILL, IMPROVED MODEL.

Made from well-seasoned wood,
polished Mahogany finish. Size
19 x 10 x 7½ in. Both lid and drawer
fitted with lock. Recording paper
7 in. wide. Automatically rings
warning bell each time cash drawer
is opened.

Price £5. 15. 0 each.

The "North-Seven" Till Costs, for

use in above Tills, 6/- doz.

Sent on 14 days' trial, on receipt of

Cash or two Wholesale Trade

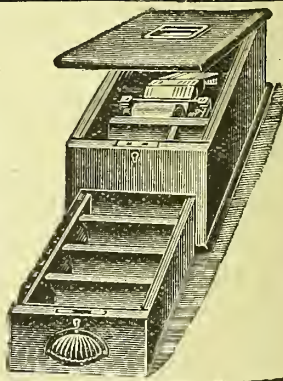
references.

DUDLEY & COMPANY,

Holloway, London, N. 7.

City Showrooms:

25 WOOD STREET, E.C.2



CLINICAL THERMOMETERS



CLINICAL THERMOMETERS are now in greater demand than ever, and the Chemist who holds the stock is sure of quick and lucrative sales. We can supply these goods promptly in small or large quantities. Each Thermometer is verified and stamped at the National Physical Laboratory, Kew, and is thoroughly reliable. Quality for the Money—that we guarantee to give you.

PRICES:

Hospital pattern per doz.	28/-	60-seconds, lens front per doz.	38/-
60-seconds, lens front	31/-	30-seconds plain	40/-
60-seconds, plain	34/-	60-seconds, lens front	44/-

Each one in metal case.

A discount of 5% for prompt cash is allowed on all amounts of 10/- and upwards. Money returned if goods are not satisfactory. Write for new illustrated PRICE LIST, post free for the asking.

BURGE, WARREN & RIDGLEY, Ltd.

91 & 92 GREAT SAFFRON HILL, LONDON, E.C. 1.

TOMPKINS' CORNER.

SPECIAL LINES in

BED SHEETINGS

Single Texture, White proof	2/10 yd.	36" wide
Double Faced, Stout double	4/-	" " "
Double Texture, Twill ...	4/6	" " "
Jaconette, White or Pink		
proof	3/6	" 42/44" "
Batiste	4/-	" 36" "

HOT WATER BOTTLES

Grey, 6 x 10	4/3	7 x 10	5/-	8 x 12	6/-	10 x 12	7/-
Red, " "	5/-	" "	5/6	" "	6/6	" "	7/6

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Grey Rubber 2/9 each

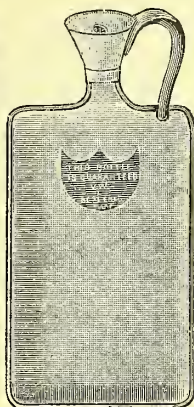
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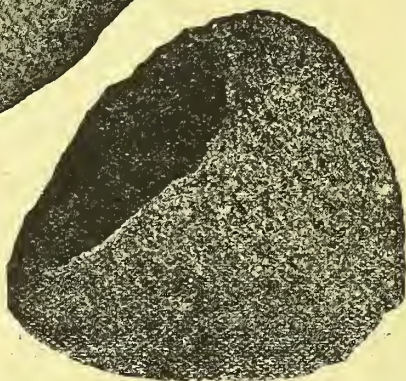
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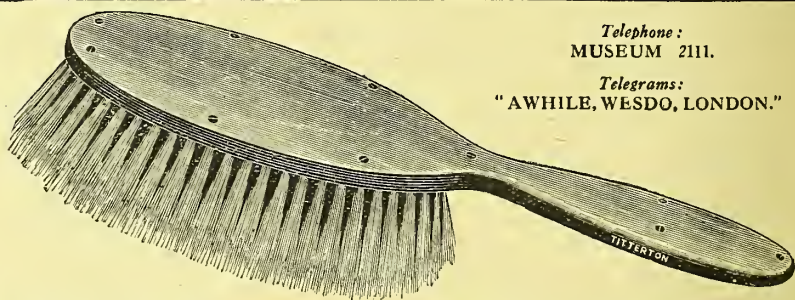
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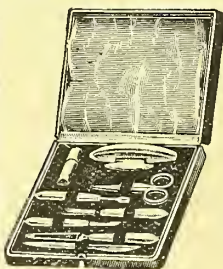
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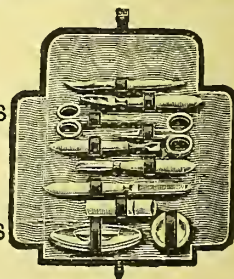
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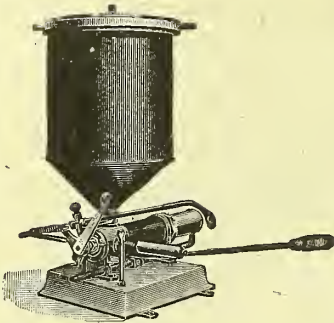
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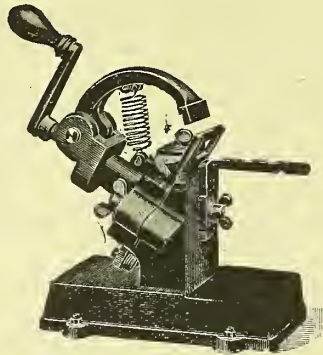
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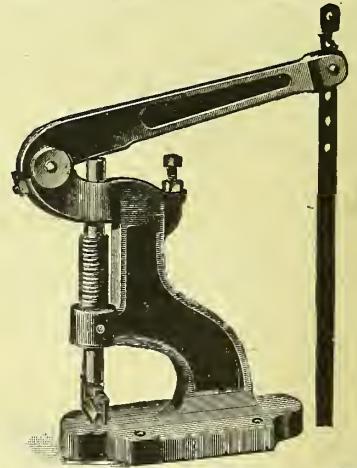
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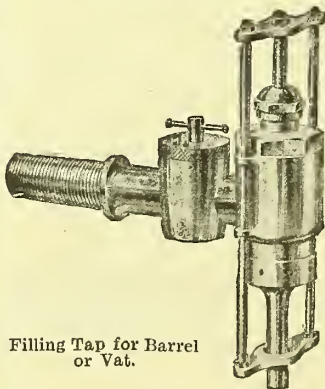
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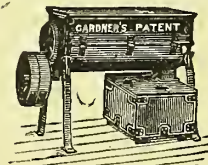
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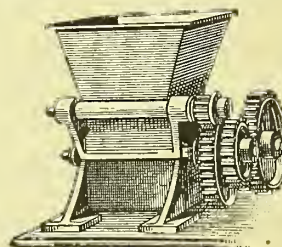


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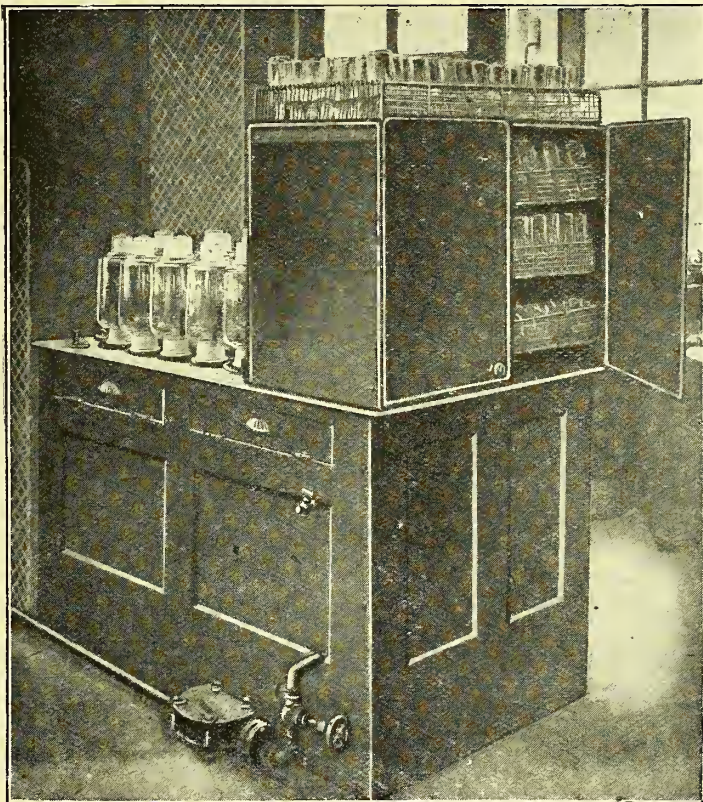
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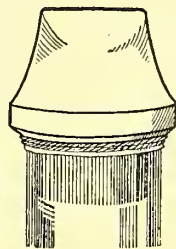
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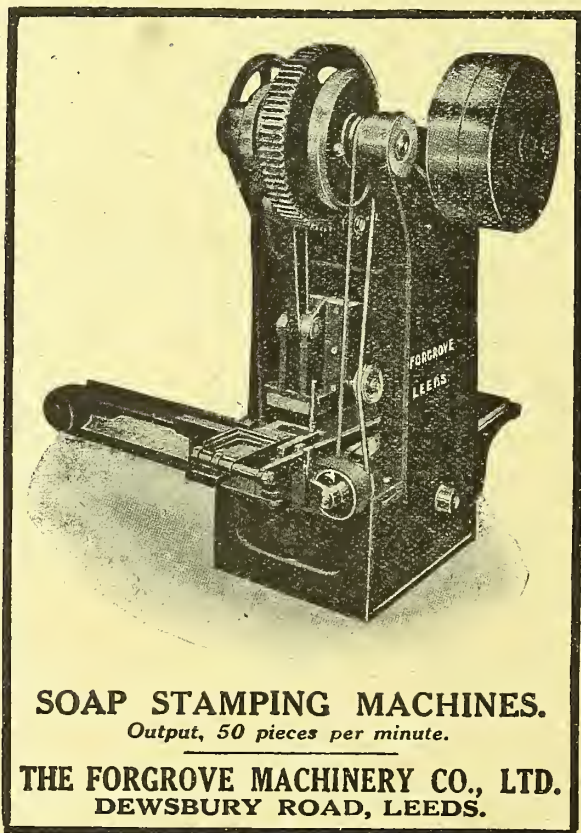
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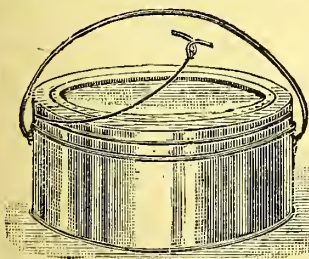
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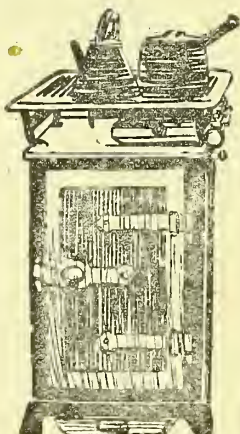
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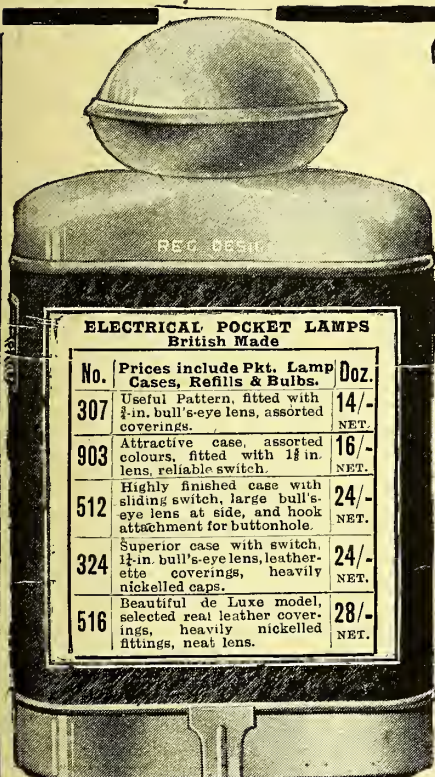
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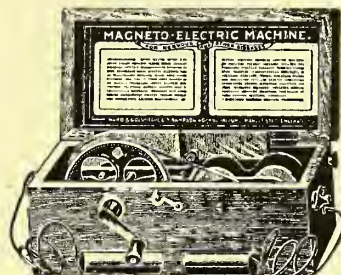


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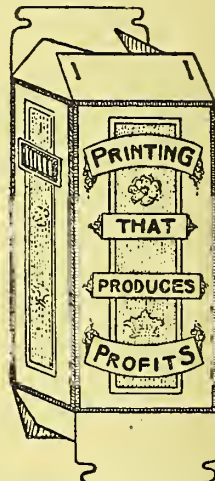
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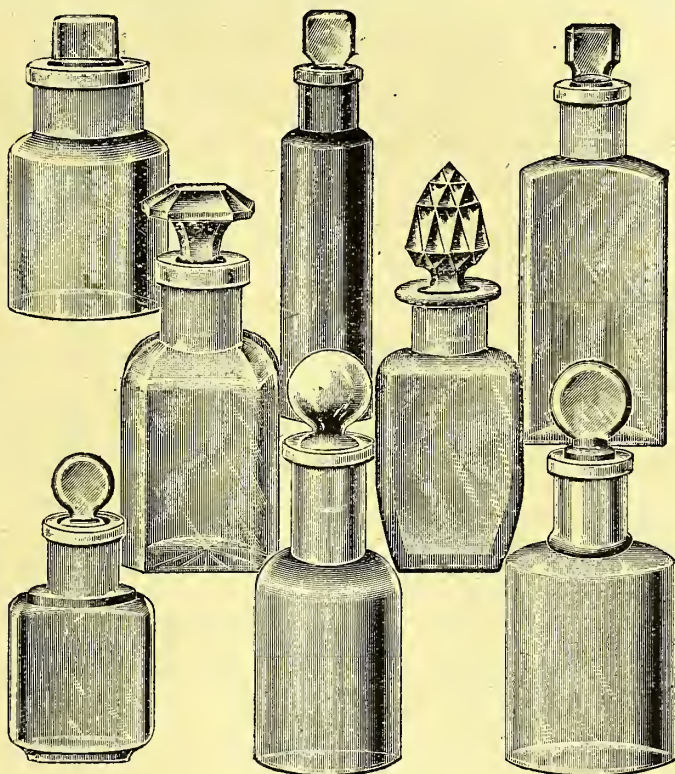
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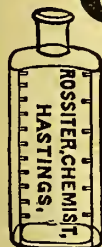
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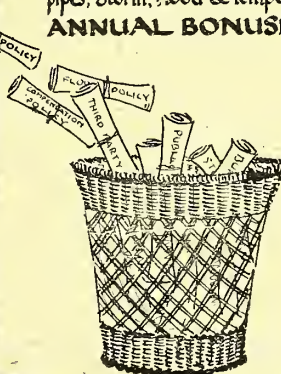
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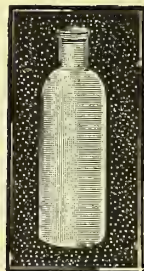
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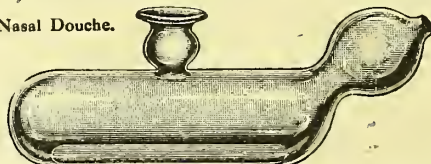
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THE CHEMIST AND DRUGGIST

SUPPLEMENT

42 CANNON ST.
LONDON, E.C.4.

NOVEMBER 20, 1920

This Supplement is inserted in every copy of The Chemist & Druggist

QUICK and CERTAIN RESULTS

from the

C. & D. Supplement

A South Coast Pharmacist (237/36) when renewing his subscription on November 12, wrote as follows :—

"I had occasion to advertise a business for sale recently, and you may be interested to learn that I had nearly 40 applicants in less than two weeks, and sold successfully within ten days."

This spontaneous testimony of the Advertising value of the Supplement needs no comment.

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5.—SEASIDE (within easy reach of Town).—General Retail and Dispensing Business, chiefly ready money; returns between £6,000 and £7,000 per annum, at good prices; attractive, well-fitted shop, heavily stocked; price to be arranged.

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7.—SOUTH YORKSHIRE.—Neglected Business; returns last month £100; *net profit* 25%; lock-up shop, with room at back; rent £30 per annum; further details on application.

8.—SOUTH COAST.—Good-class Business; position unique; gross receipts between £4,500 and £5,000; attractive Pharmacy, handsomely fitted, and fully stocked; further details will be furnished on receipt of a banker's reference.

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12.—NORTH MIDLANDS.—General Retail Business; returns over £2,500; books open to investigation; double-fronted shop; moderate rental; new lease will be granted; price about £1,500.

13.—EAST COAST.—Retail and Dispensing Business; all good middle-class trading; returns £2,500 per annum; opening for extended trade; comfortable residence; held on lease.

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A MONEY-MAKING MONOPOLY, protected by Royal Letters Patent: Liquid Paraffin Confectionery (content up to 60%), simple or combined with Drugs, superseding messy Emulsions and Creams, delicious and portable; Patent and Registered Trade-mark for disposal at low figure. Write, Johnson, 35 Glencairn Road, Streatham, S.W. 16.

ABOUT 20 gross glass, rod-stoppered, one drop Perfume Bottles to be sold, a bargain. Stevenson, 122 Great Suffolk Street, S.E.

ABOUT 50 gross clean second-hand Medicine Bottles for Sale; about half of them branded; best offers for all or part. 90 Lisvane Street, Cardiff.

FOR Sale, Quinine Sulph. 100-oz. original tin, 3s. 9d. per oz.; 25 oz. at 4s. 6d.; first comer gets it. Baker, 89 Shields Road, Newcastle-on-Tyne.

FOR Sale, 250 x 5 gall. Carboys in wickered baskets; first-class condition. Write, "C. W." (P.C.B. 35/25), Office of this Paper.

FOR Sale, 1 cwt. Glycerine C.P., 112s.; 5-12 Ol. Limon., 41s.; 18-12 Ol. Amygdal. Ang., 60s.; 4-10 R/ Benzoin. Simp., 28s.; bottles free; carriage forward. E. Ward, Drug Stores, Middleton Junction, near Manchester.

FOR Sale, 2½ cwt. English Honey, first quality (granulated). Apply E. J. Le François, 26 Westgate, Sleaford, Lincs.

FORTUNE to right man; owner compelled sell entire interest Patent Medicine, complete with stock, under limited company; £500, half six months. "Albany," c/o Dawson's, 121 Cannon Street, E.C. 4.

GARDNER'S combined "Rapid Sifter and Mixer," fitted for power or hand; size B; extra sieve; capacity at each mixing about 30 lb. 25/9N, Office of this Paper.

PREMISES FOR SALE.

SOHO.—Lease of Shop and Basement in busiest part, having over 25 years unexpired, at low rent, to be Sold, together with stock of Chemist. Apply May & Rowden, 27 Maddox Street, W. 1.

LARGE Chemist's Shop, Sale, freehold, or rent, vacant possession, main road; good repair and living accommodation; fitted counters, shelves, drawers, bottles, and accessories; ready immediate business; fittings to be purchased. Write "B," c/o C. J. Walker's Advt. Agency, 24 Coleman Street, E.C. 2.

SITUATIONS OPEN.

RETAIL

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid.

WANTED—ASSISTANTS

QUALIFIED & UNQUALIFIED

to take their

STATE UNEMPLOYMENT INSURANCE

through the

National Drug & Chemical Union.

The only union that caters solely for the trade.

WRITE NOW for full particulars to

HERBERT R. NIGHTINGALE, M.P.S.,

General Secretary,

31/33 High Holborn, W.C. 1.

BIRMINGHAM.—Qualified Assistant required immediately; permanency and excellent prospects; working-class business; state age, salary required, and when at liberty. Apply to "X." (244/6), Office of this Paper.

LANCASHIRE.—Capable and energetic unqualified Assistant as First Counterman; healthy and progressive manufacturing town. "F. P." (244/60), Office of this Paper.

LEEDS.—Qualified, energetic Manager required for December 1st for branch shop; must be good Window-dresser and capable Dispenser. Particulars, stating salary required, and giving experience in full, to Murrays Pharmacies, 221 Woodhouse Lane, Leeds.

LANELLY.—Good, unqualified Assistant wanted; preferably just out of apprenticeship. Apply, stating usual particulars, J. Wade, Chemist.

LONDON, N.W.—Qualified Assistant wanted; married; furnished house provided; Dispensing business; 3 kept. Apply, giving full particulars, or personal interview between 9 and 6, P. Davidson, Pharmaceutical Chemist, 342 High Road, Brondesbury, N.W.

LONDON, N.W.—Smart unqualified Junior wanted; Dispensing and Counter; short hours. Apply Beaton (late Stamp), England's Lane, Belsize Park (Charing Cross and Hampstead Railway).

MANCHESTER.—Junior Assistant required for middle-class Retail, Dispensing, and Photographic business. Apply, stating usual particulars, age, experience, and salary required, Bushby, Chemist, Levenshulme, Manchester.

MANCHESTER.—Qualified or unqualified Assistant, capable of taking charge; Extractor preferred, not essential; permanency and improved position for good man; middle- and working-class district; applications will be treated with absolute confidence and must give particulars, with salary required. "X. Y. Z.," Hough Hoscason & Co., Manchester.

MANCHESTER.—Assistant for General Mixed Cash Retail; must be good Salesman, Window-dresser, and have had recent experience—i.e., be familiar with prices, etc. State age, last position held, and salary expected to "Radix" (245/2), Office of this Paper.

MONMOUTHSHIRE (Newport).—Junior Assistant required; excellent opportunities for smart young man just out of apprenticeship. "Junior" (244/61), Office of this Paper.

NEAR MANCHESTER.—Wanted, qualified Working Manager to take charge of branch; must be a good Window-dresser and Salesman; £6 per week to a thoroughly efficient Manager; no Sunday duty. Address, stating age, references, with details of experience, with photo, 242/7, Office of this Paper.

OXFORD.—Competent Assistant wanted for high-class business, Dispensing and Counter; permanency; highest references indispensable. State salary, experience, age, if any knowledge of photography, and enclose photo, Oxford Drug Company, Limited, old-established University and Family Chemists and Merchants, Oxford.

PORTH, GLAM.—Outdoor Assistant; short hours; no Sunday duty. State age, experience, salary required, and when disengaged, 245/8, Office of this Paper.

TYNESIDE.—Qualified Manager wanted for Branch shop; one having some experience of Company Pharmacy preferred; state age, experience, and salary required. Apply 245/18, Office of this Paper.

WEST END.—Wanted, a fully-qualified Manager, capable of taking entire charge of a high-class business; must have good West-End experience; permanency and improving position. Apply Ringer, c/o Heppells, 164 Piccadilly, London, W. 1.

ASSISTANT (at once); outdoors; principally for Dispensing. State age, experience, and salary required to A. J. Wing, 69 Powis Street, Woolwich, S.E. 18.

COMPETENT unqualified Assistant, for Dispensing and Counter work, with recent experience and references. State full particulars and salary required, S. P. Sayers, 7 Brent Street, Hendon, N.W. 4.

In a fortnight, Dispenser, experienced and reliable Assistant, in busy, good-class Chemist's business; personal interview if possible, or photo, age, salary, and all particulars. Mr. Holloway, M.P.S., Broadway, Southend-on-Sea.

JUNIOR Assistant (outdoors), qualified, for Retail Counter and N.H.I. Dispensing; no Photographic; ex-Service man preferred. Particulars to Goosey & Rogers, 51 Ben Jonson Road, Stepney, E. 1.

PARKE'S Drug Stores, Limited, London, are in need of an unqualified Assistant; applicant must be a good Salesman, an energetic worker, and a reliable Dispenser; highest references only. Apply by letter in first instance, giving full particulars as to age, height, and experience, to 65 Harmond Street, London, N.W. 1.

QUALIFIED Assistant (male) wanted for quick Cash business. Please state age, experience, references, salary required, and when disengaged, in first letter, or apply personally to Bishop & Vincent, 460 Holloway Road, London, N. 7.

QUALIFIED Chemist as Manager wanted (immediately) for London district; applicant must have good London experience, and be energetic and full of resource; age between 30 and 40. Apply by letter, stating age, height, full experience, and salary required, to "Progressive" (29/260), Office of this Paper.

UNQUALIFIED Assistant wanted; energetic and smart; good Salesman and Dispenser; accurate and reliable; Kent. Apply, references, photo, and salary required, "Progressive" (241/35), Office of this Paper.

UNQUALIFIED Assistant wanted immediately; applicant must be energetic, reliable, and a good Salesman; also should be resident in London. Apply, stating age, full experience, and salary required, to "Pharmacist," 29/26P, Office of this Paper.

WANTED, a fully-qualified Assistant Dispenser for the Victoria Hospital for Children, Tite Street, Chelsea, S.W.; must not be over 35 years of age; salary £150, rising to £175 per annum. Applications, with copies of three recent testimonials, must be sent to the Secretary on or before Monday, November 29th.

WANTED, unqualified Dispenser, with knowledge of Book-keeping; part-time Dispensing and Bookkeeping for Doctor; spare time to be put in the Packed Goods Room of provincial Wholesale house; knowledge of the trade essential. Full particulars of experience, salary required, etc., 48/13B, Office of this Paper.

YOUNG lady, qualified or unqualified, to manage Retail Drug Store for Chemist; state salary required and experience; must be resident in Nottingham. Apply 242/11, Office of this Paper.

YOUNG lady Assistant wanted; experienced Counter hand, good Window-dresser; Photography, Bookkeeping, or Dispensing an advantage; please give full particulars and salary required. Apply 238/13, Office of this Paper.

WHOLESALE.

LONDON Representative required for Perfumery and Toilet Goods; must have good experience and thorough acquaintance with the trade. Reply in confidence, stating salary required, and references, "S. G." (P.C.B. 36/13), Office of this Paper.

WEST OF ENGLAND.—Representative with live connection wanted immediately for the West of England by well-known firm manufacturing Pills and Tablets; commission basis; part-time not objected to if other lines do not clash; applications giving full particulars will be treated in strictest confidence. Replies "Merton" (16/4K), Office of this Paper.

MANUFACTURERS of Toilet Preparations and Packers of Drysaltery Goods required an experienced Works Manager; must be able to control male and female staff; preference given to one who will take up £1,000 in shares. Address, giving full particulars of experience and state age and salary required, to 43/210, Office of this Paper.

BRANCH Manager, with Pharmacy and Optical qualification, smart Salesman, and of undoubted character (for Glasgow); salary £350 to £400, with commission on sales and bonus on yearly increase. Apply 6/43C, Office of this Paper.

FRENCH firm of Toilet Soap Manufacturers require Representatives on commission. Reply, stating experience, ground, and terms, "Soap," 4 Leonard Terrace, South Chingford, E. 4.

GENTLEMAN, calling on Medical Men and Chemists, required to introduce and sell on commission a high-class Pharmaceutical preparation. Apply, stating experience, terms, etc., to 48/11B, Office of this Paper.

JUNIOR Clerk required for Telephone work; knowledge of Wholesale trade a recommendation. State experience and wages required, P.C.B. 36/7, Office of this Paper.

LABORATORY Manager.—A large and well-known firm of Manufacturing Chemists require a widely experienced Manager (with knowledge of modern plant) for their laboratory; to a qualified man of ideas and energy, able to initiate new lines as well as to supervise the manufacture of Milled Ointments, Tinctures, and Toilet and Pharmaceutical Articles generally, an excellent post at a good salary is offered; ability to carry out the usual alkaloidal and other estimations and to control staff are, of course, necessary. Apply (in confidence), with full particulars of training and experience, to 13/23G, Office of this Paper.

LABORATORY Hand for London Wholesale Druggists. State age and experience to 6/44C, Office of this Paper.

MILL MAN.—Young man, some experience Drug Grinding, wanted (able to manage disintegrators, etc.), by Wholesale Druggists, South London. Particulars, stating age, wages required, to 48/8B, Office of this Paper.

ONE or two Representatives required on commission for Proprietary Ointment; Cumberland, Westmorland, Northumberland, Durham, and North Riding Yorks; must have good connection with Chemists. Apply, stating full particulars, 24/38M, Office of this Paper.

OPPORTUNITY for young, keen Pharmacist to obtain permanent, progressive position.—Well-known firm of Manufacturing Chemists require a young Pharmacist, of good education and appearance, with thorough knowledge of Therapeutics, to call on Doctors, Chemists, and Institutions, to explain the properties of already well-known Pharmaceutical Specialities of admitted scientific excellence; previous knowledge of travelling not so essential as initiative, energy, and determination to succeed; fullest particulars of age, experience, etc., in first letter, which will be treated in strict confidence; letters not answered within ten days respectfully declined. Apply 33/26B, Office of this Paper.

PERFUMERY Salesman wanted, well-known French line of Perfumes, Face Powder, Soap, etc., for U.K.; salary, travelling expenses, and commission; liberal pay for right man. Write, giving experience, salary, and commission expected, to Box C, Messrs. C. F. Higham, Ltd., Imperial House, Kingsway, W.C. 2. Principals will interview personally November 20th, London.

REQUIRED, experienced Salesman for well-known first-class Antiseptic; must have first-class connection with Wholesale and Retail trade, also Medical and Veterinary profession. Apply, with references, stating previous experience, to 48/9, Office of this Paper.

REPRESENTATIVE, energetic and active, for a Wholesale Photographic house, to work small and medium sized towns, Notts, Derby, Lancashire, and Cheshire areas; knowledge of Photographic materials and apparatus essential. Give full particulars of experience, etc., in confidence, to Mr. I. Joseph, c/o W. Butcher & Sons, Ltd., Camera House, Farringdon Avenue, E.C.

REPRESENTATIVE wanted for London with a really influential connection with Chemists and Wholesale houses to sell a high-class French Toilet Soap; only those able to command orders need apply. Write, giving full particulars, "Soap," c/o Streets, 30 Cornhill, E.C. 3.

REPRESENTATIVE required for Lozenge trade, to call upon Chemists; part-time occupation would do. Write "Lozenge," c/o Pool's Advertising Service, 180 Fleet Street, E.C. 4.

REPRESENTATIVE, with live connection, wanted (immediately) for part of London, in addition to Kent and South Coast, by well-known firm manufacturing Pills and Tablets, commission basis; part time not objected to if other lines do not clash. Applications, giving full particulars, will be treated in strictest confidence. Replies, "Merton" (16/40), Office of this Paper.

REPRESENTATIVES (commission) for series of well-known Chemists' lines; attractive show; big profit; state ground, other lines carried, etc.; distributing agencies entertained. P.C.B. 36/12, Office of this Paper.

REPRESENTATIVES required by Manufacturer of good-class Toilet Preparation, for the South of England and Scotland; commission basis only. Apply for full particulars to 241/26, Office of this Paper.

SALES Manager wanted for provincial house of Wholesale Manufacturing Chemists, Perfumers, and Packers; must have organising experience and thorough knowledge of the trade. Write in first instance, stating salary required and fullest particulars of experience, to 6/42C, Office of this Paper.

SEEKING Representative wanting a side-line, on commission basis, good experience of Wholesale Chemist business, good references, to represent in North of England and Scotland Importers of high-class French Toilet Requisites. Apply 243/24, Office of this Paper.

SMART, reliable Assistant required for Laboratory of Wholesale Department; must be capable of calling upon Medical men locally. Give full particulars in first instance of age, experience, and salary to Ralph Cuthbert, Ltd., Westgate, Huddersfield.

TRAVELLER.—Required, by firm of manufacturers, a thoroughly experienced Traveller for Great Britain, with established connections amongst Wholesale Tobacco and Confectionery houses and Manufacturing Chemists. Write, giving full particulars of previous experience, age, and salary required, to "F. N.," c/o J. W. Vickers & Co., Ltd., 5 Nicholas Lane, E.C.

TRAVELLER for Sussex and Surrey, to take over existing connection upon liberal commission basis; live Salesman, with experience in Essential Oils, Essences, Colours, etc., for the Confectionery and Mineral Water trades; prepared to acquire small financial interest. 234/35, Office of this Paper.

TRAVELLER wanted by Lancashire firm for Lancs and district; one with connection preferred. 48/10B, Office of this Paper.

TRAVELLERS, with good connection amongst Chemists, wanted to take up proprietary line of Tonic Food; liberal commission to good men. Write, "A. B. C.," c/o Anderson's Advertising Agency, 14 King William Street, Strand, W.C.

UNQUALIFIED Assistant required for Staffordshire, one with experience of Agriculture and Seeds. Apply, with usual particulars and photo (to be returned), to Lands, Chemists, Coalville.

WANTED, experienced Bookkeeper (male) by Wholesale Chemists in London; state age, wages required, and references. Apply P.C.B. 35/31, Office of this Paper.

WANTED, first-rate experienced Travellers with connections amongst Chemists, Wholesalers, and Grocers by a firm of Manufacturing Chemists marketing a variety of goods. State age, ground covered, salary, and full particulars, to 43/21W, Office of this Paper.

WANTED, Representative on a commission basis; good experience of Wholesale Chemist's business, good references; for Importers of high-class French Toilet Requisites. Apply 243/240, Office of this Paper.

WANTED, for small Lancashire Wholesale Warehouse, Chemist's Assistant for Wet Counter; one willing to make himself generally useful preferred; state experience and wages required. Apply 245/5, Office of this Paper.

WHOLESALE Druggists' Sundrymen require an experienced, young lady with good knowledge of Sundries to take charge of department and control small staff. Apply by letter, stating experience and wages required, "X. Z." (37/12T), Office of this Paper.

SITUATIONS WANTED.

[HOME.]

RETAIL

*2s. for 10 words or less; 6d. for every additional 10 words or less, prepaid.

The Advertiser may, if preferred, have replies addressed to Office, and forwarded on payment of an additional charge of 1/-.

A.A.A.—COMPETENT Pharmacist; 32; single; good references and experience; any capacity or locality; moderate salary; disengaged few days. C., Sunnyside, Victoria Street, Ryde, I.W.

A.A.—PHARMACIST (26), 10 years' best experience, including London, desires progressive berth; excellent references. Freedman, Pontycymmer, Glamorgan.

A.A.—UNQUALIFIED; Dispenser's post desired (beginning December); London; state full particulars. Miss Rumsey, 128 Belgrave Road, S.W.

A COMPETENT lady Dispenser-Bookkeeper (Hall) desires post with Doctor or Chemist; Western Counties preferred, but not essential. Apply 238/27, Office of this Paper.

A QUALIFIED Chemist as Manager or Assistant; disengaged; 20 years' experience; permanency preferred; moderate salary. Davies, Ty Cwrdd, Llwynhendy, Llanelly.

A QUALIFIED Pharmacist desires management; many years' West-End experience. Duckett, Park Farm, Glastonbury.

A QUALIFIED Chemist would like post as Manager or Assistant; well experienced, town and country; exceptional references; wages moderate; disengaged. Wilson, c/o Parrotts, Chemists, Bishops Stortford.

A RELIABLE Branch Manager or Assistant; 22; unqualified; six years' Counter and Dispensing experience; Midlands preferred; good references. Particulars, Willetts, 87 Ashley Street, Bilston.

A RELIABLE Manager or Assistant; many years' experience first-class Dispensing; quick and accurate; good Counter-hand, Photography; town or country; no objections to live on premises; unregistered; good references. Forsyth, c/o P. Davidson, 342 High Road, Brondesbury, N.W. 6.

A DVERTISER, 25, unqualified, seeks situation; part or whole time; disengaged. L., 1 Balfour Road, West Ealing.

A DVERTISER; 34; unqualified; 19 years' Counter, Dispensing, and Photographic experience; thoroughly capable and energetic. Alexander, 8 Chesnut Road, S.E. 18.

A DVERTISER, 32; excellent Salesman; fifteen years' good-class Dispensing and Photographic experience; part or whole time (preferred). Sandy, 17 Deubigh Place, S.W. 1.

A DVERTISER, qualified, 19 years in own business, requires post, Locum or Manager, with or without view to succession. Apply 245/30, Office of this Paper.

A PPRENTICE having served part apprenticeship seeks post in good-class London Pharmacy. Apply P.C.B. 35/26, Office of this Paper.

A S Assistant or Locum; good references; excellent Counter, Dispensing experience; moderate terms. "Statim," 6 Eastbourne Terrace, London, W.

A S Manager, qualified, energetic, elderly; satisfaction given; moderate salary; London or provinces. Apply 241/37, Office of this Paper.

A S Manager, large experience, Buyer; thorough knowledge business, all branches; sober, industrious; town or country; available at once. 39 Church Avenue, East Sheen, S.W. 14.

A S Secretary to Hospital, etc.; 43; married; 14 years' experience in business on own account as Chemist; also nine months' experience as Chemist's Manager. Apply "M. L." 94021, Office of this Paper.

A S qualified Manager or Locum; disengaged; good all-round experience; town or country. J. Fraser, 57 Cranbury Road, Fulham, S.W.

A SSISTANT; energetic, trustworthy; capable of taking charge; unqualified; 25, married; excellent references; free December 1st. Terms to "A. A.," 21 Curzon Street, Maryport, Cumberland.

A SSISTANT or Manager; 30; qualified; energetic worker; all-round experience; *statim*. "Auranti," 20 Barnsley Road, Wath, Rotherham.

A SSISTANT, 25, unqualified, desires berth; Liverpool; Photo, Counter, and Dispensing; excellent references. Mackay, 8 North Street, Bedminster, Bristol.

A SSISTANT; 22; single; fluent Welsh; three years' apprenticeship. Apply "M. L." 3168, Office of this Paper.

A SSISTANT, Wholesale or Retail; 27; married; nine years' good all-round experience. Apply "M. L." 99043, Office of this Paper.

A SSISTANT, in London Pharmacy preferred; 27; single; knowledge of French; served 4 years as apprentice; passed Part I. Minor examination. Apply 98118, Office of this Paper.

A SSISTANT, 32; capable and accurate Counter, Dispenser, and Stock; 15 years' experience; London; interview by appointment. J. B., 68 Leonard Street, Finsbury, E.C.

A SSISTANT, competent, qualified, 26, experience Southampton and Windsor, seeks situation; moderate salary; excellent references. Downer, 67 St. Andrew's Road, Southampton.

A SSISTANT, unqualified (30), requires situation; Counter, Stock, and Dispensing. Searle, 2 Carlisle Avenue, Plymouth.

A SSISTANT; 26; 11 years' first-class, varied Dispensing business experience; salary required, £3 15s.; please send full particulars. "Provincial" (244/18), Office of this Paper.

A SSISTANT, single, desires change; experience in all classes of trade; 46; unregistered; permanency preferred; good references. J. G., Stennicott, 67 Alexandra Road, Newport, Mon.

B OOKKEEPING and Dispensing.—Post required by young lady; Hall qualification; well recommended. 65-Mayfair Avenue, Ilford, Essex.

C HEMIST; qualified; age 21; single; educated Sunderland Technical College and Westminster College. Apply "M. L." 89070, Office of this Paper.

C HEMIST, disengaged, qualified, wants engagement; experienced in all branches; middle-aged. "Jacques" (224/220), Office of this Paper.

C ITY.—Assistant; unqualified; age 21; tall; disengaged. Write 40 Chancellor Road, Southend-on-Sea.

D ERBY.—Dispenser (qualified) desires work daily between the hours of 3 and 7. Apply 242/13, Office of this Paper.

D ISENGAGED, 20 years' experience, good references, unqualified, seeks situation as Resident Assistant, Dispenser, London or country; private Chemist or company. Overton, Burghfield, Reading.

D ISPENSER (lady); qualified (Hall) and part Minor; experienced; Doctor or Institution; country preferred; live in; keep books, drive car; good references; reliable. 47 Birmingham Road, West Bromwich.

D ISPENSER (Hall), experienced, desires post; London, S.E. district. Miss E. P. Crombie, 61 Vernham Road, Woolwich.

D ISPENSER (Hall); daily; 5 years' Whitechapel Infirmary; highly recommended; disengaged. Miss B. Warrington, 48 Buckleigh Road, Streatham.

D ISPENSER, Apothecaries' Hall, desires situation immediately. (Miss) D. Clarke, 134 Beverley Road, Hull.

D ISPENSER (Hall), lady, desires post with Doctor or Chemist; Birmingham or district; five years' Dispensing experience; good reference. Slinn, Chemist, Rhyl.

D ISPENSER, lady (Hall); four years' varied experience; good testimonials; Hospital, Doctor, or Chemist. Apply 6 Park Hill, W. 5.

D ISPENSER, lady, requires post with Doctor or Chemist; seven years' experience with Chemist and one year with Doctor. 2 Selwyn Road, Upton Manor, E. 13.

D ISPENSER (Hall) desires post, Doctor or Hospital; experienced with Doctor, Bookkeeping; good testimonials. Miss Burton, Farnfield, Southwell, Notts.

D ISPENSING.—Post wanted by lady with Doctor or Chemist; passed in Materia Medica, Pharmacy, and Chemistry; fully-trained Nurse and O.M.B. Forrest, 284 Holloway Road, N.

D O you require a qualified lady Assistant; six years' first-class experience? K. Rugg, 2 Jeffreys Road, Clapham.

D RUG-STORE Manager; well recommended; good Prescriber; excellent all-round experience. "Aspirin" (244/20), Office of this Paper.

E MERGENCY, Relief, or Locum; thoroughly experienced, competent, reliable; well recommended; in- or out-doors. "Rhel," 239 Camberwell New Road, S.E. 5.

E VENINGS and Saturdays (half-day); Minor man; 29; tall; experienced and competent; moderate terms. Carter, 20 South Parade, Chelsea, S.W. 3.

E XPERIENCED, qualified, disengaged; Locum or otherwise. Rambaut, M.P.S., 86 Replingham Road, Southfields, S.W. 18.

E XPERIENCED Assistant, disengaged, desires employment. V., 16 Woolwich Common, Woolwich, S.E.

E XPERIENCED, middle-aged, unqualified; capable to take charge; good appearance and address. L. H. P., 3 Wyndham Street, Marylebone Road, W.

E XPERIENCED Assistant; disengaged end of month; good Counterman; excellent references; tall; good address. A., 187 Queen's Road, Bayswater.

E XPERIENCED Chemist, 48, retiring from own business, will be glad to hear from firm of repute requiring reliable help in a responsible position, supervising or executive; moderate salary, according to services required; Agency would be considered; can invest up to three thousand in suitable firm. Apply 243/36, Office of this Paper.

F.S.M.C., M.P.S., requires position; London or district; would start Optical connection. A. E. Thompson, St. Cuthbert's, 13 Avenue Road, Westcliff.

G ENTLEMAN, with £400 capital, requires situation Manager with a view to appropriating; smart, energetic; age 28; height 5 ft. 4 in.; qualified; excellent experience. Apply 237/16, Office of this Paper.

H AS anyone position to offer qualified woman (26); any part of the country; eight years' experience; excellent references; accurate Dispenser. Write "Z. N.," c/o Scripps's Advertising Agency, South Molton Street, London.

J UNIOR Assistant or Improver requires post; temporary or permanent; references. Address "Statim," 806 Ormskirk Road, Lamberhead Green, Wigan, Lancs.

J UNIOR Assistant (20), with 4½ years' experience in India, requires post in good-class Pharmacy in London or suburb; Counter, Dispensing, and Photography; no salary required. C. M. Ross, 65-64 Lancaster Gate, W.

J UNIOR requires position in Pharmacy; 4 years' experience of Counter, Dispensing, and Photography. Giddings, Ashwell Street, Leighton Buzzard.

L ADY, age 20; five years' experience general Chemist business with plenty National Health Insurance Dispensing; Nottingham or Derby district preferred. Apply Taylor, Chemist, Heanor, Derbyshire.

ADY Assistant; 4½ years with first-class Retail Chemist; good knowledge of Counter work and Stockkeeping. Please state age and hours in reply to 241/10, Office of this Paper.

ADY Dispenser (Hall); trained Nurse; Hospital or Doctor; in or near London. Allam, 172 New Kent Road, South-ark.

ADY Dispenser (Hall), ex-V.A.D. Nurse, desires post, Doctor, Hospital, Institution, Chemist; would assist in Doctor's surgery. Apply 243/27, Office of this Paper.

ADY Dispenser, Hall qualification, desires post (at once) with Chemist, Doctor, or Institution; Cardiff district; excellent references. Apply "D., 3 Senghennydd Place, Cathays, Cardiff.

ADY (Hall), excellent references, desires Dispensing two evenings, Wednesday afternoon; London or Croydon district. Rothesay, Coulsdon, Surrey.

ADY Pharmacist wishing to increase her practical knowledge of business would accept situation in London Pharmacy nominal salary. Apply P.C.B. 34/30, Office of this Paper.

ADY, qualified, experienced, disengaged, seeks post with Doctor, Chemist, or Institution; fluent French. Apply 1/38, Office of this Paper.

ADY, qualified, desires post with Doctor or Hospital; two years' war service in France; six years' experience in Hospital Dispensing. Hayes, 5 The Park, Forest Hill, S.E.

ADY (19), unqualified, Hall examination next January, requires post as Assistant Dispenser, Doctor's or Chemist's, London suburbs; small salary. Lay, 9 Alexandra Road, Sydenham.

EEDS.—Part-time Assistant; evenings or Saturdays; Dispensing or Counter; energetic. J. B., 58 Woodsley Road.

OCUM or otherwise; disengaged; moderate salary; unqualified; 49; steady and reliable. "D., 82 Marlborough Road, mford.

OCUM (temporary Manager); disengaged; Minor; country; 53; first-class references and experience; energetic; moderate salary; Photography, Optics. Dewey, 4 Montague Gardens, Wington.

OCUM, wide experience; highest references; well recommended; reasonable terms. "Beta," 74 West Hill, East Putney, London, S.W. 15.

OCUM; reliable, disengaged. Address "M.P.S.," Messrs. John Thompson, Ltd., Hanover Street, Liverpool.

L.P.S.—LADY, Square trained, desires post with good Dispensing experience; London preferred. Apply 1/9, Office of this Paper.

L.P.S., badly disabled; small salary; young and energetic. Apply 241/6, Office of this Paper.

L.P.S. (LADY) desires post, Hospital or Chemist; good Institutional and Medical experience; excellent references. Apply G. I. T., Tabor Villa, Lodge Road, Kingswood, Bristol.

L.P.S.; 30; single; 14 years' experience in Retail Pharmacy. Apply "M. L.," 98909, Office of this Paper.

L.P.S., 25, requires post as Assistant in high-class Dispensing business. Apply 245/5, Office of this Paper.

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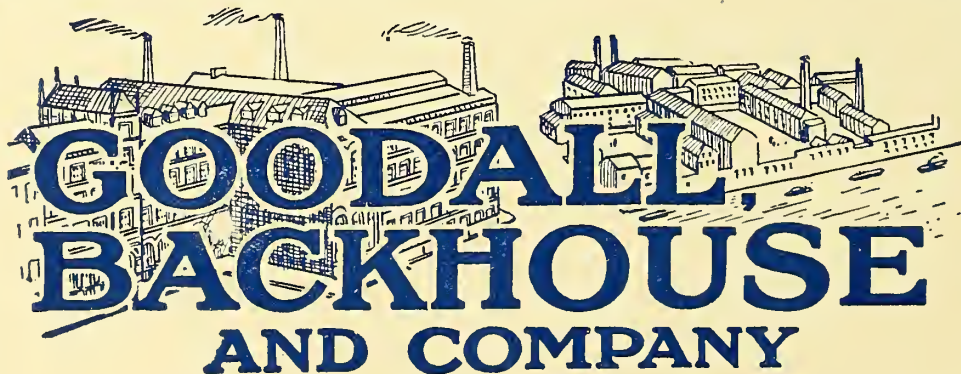
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